FORM 3

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL

OIL [X] GAS [ ] OTHER [ ] SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: N/A

2. NAME OF OPERATOR: Newfield Production Company

9. WELL NO.: State #6-16-9-16

3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (FOOTAGE)

At Surface: SE/NW 1847' FNL 1974' FWL

At proposed Producing Zone: 574564X 40.033034 4431579Y -110.126082

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/NW Sec. 16, T9S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 22.0 miles southwest of Myton, UT

12. County: Duchesne

13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
1847' f/lse line and NA' f/unit line	640.00	40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
Approximately 1203'	6500'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5876' GL

22. APPROX. DATE WORK WILL START*: 1st Quarter 2008

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	~~290'~~ 400'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

***The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

SURFACE PIPE - 155 sx Class G Cement +/I 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24.

Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 11/19/2007

(This space for State use only)

API Number Assigned: 43-013-33850 APPROVAL:

Approved by the Utah Division of Oil, Gas and Mining

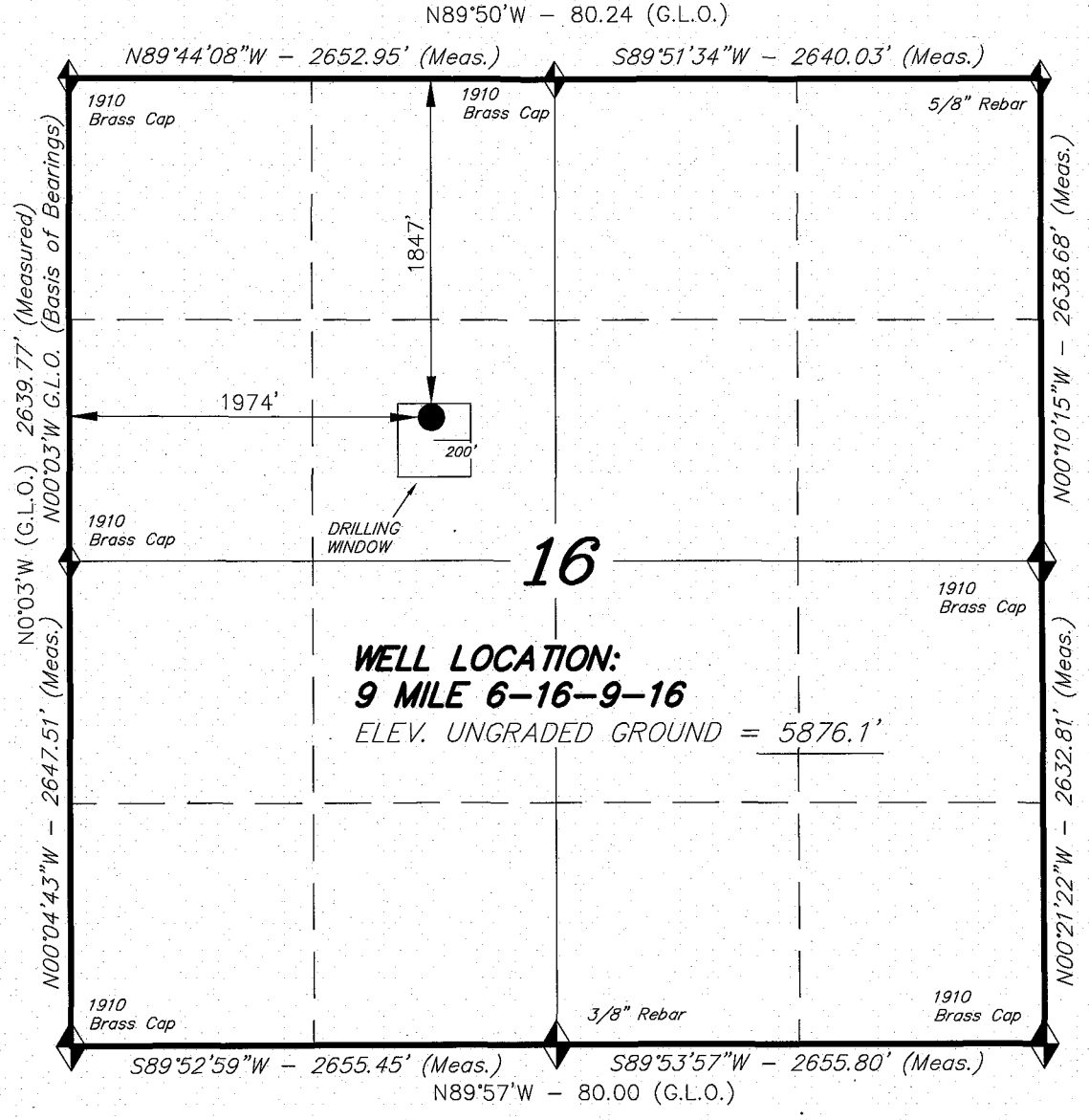
***See Instructions On Reverse Side**

RECEIVED
NOV 29 2007
DIV. OF OIL, GAS & MINING

Date: 01-24-08

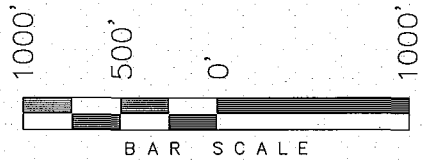
By:

T9S, R16E, S.L.B.&M.

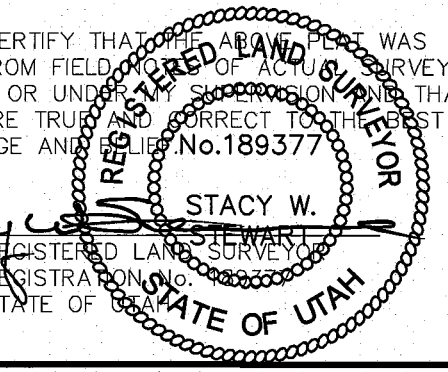


NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 6-16-9-16, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 16, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 6-16-9-16 (Surface Location)	NAD 83
LATITUDE = 40° 01' 58.88"	
LONGITUDE = 110° 07' 36.16"	

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-10-07	SURVEYED BY: C.M.
DATE DRAWN: 10-31-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
STATE #6-16-9-16
SE/NW SECTION 16, T9S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at ~~290'~~ 400' (New)
Production Casing:5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

A fresh water/polymer system will be utilized to drill the well. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed location is to be "Air Drilled", Newfield requests a variance to regulations requiring a straight run blooie line. Newfield proposes that the flowline will contain two (2) 90-degree turns. Newfield also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Newfield requests authorization to ignite as needed, and the flowline at 80'.

Newfield Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM	MUD TYPE
Surface – 3200'	fresh water system
3200' – TD'	fresh water system

From surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ ~~290'~~ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2008, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
STATE #6-16-9-16
SE/NW SECTION 16, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site State #6-16-9-16 located in the SE¼ NW¼ Section 16, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.4 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with an existing road to the southwest; proceed southwesterly approximately 9.7 miles to its junction with an existing road to the southeast; proceed southeasterly approximately 0.3 miles to its junction with an existing road to the northeast; proceed northeasterly approximately 5.1 miles to its junction with and existing road to the southwest; proceed southwesterly approximately 1.8 miles to its junction with an existing road to the northwest; proceed in a northwesterly direction approximately 1.4 miles to its junction with the beginning of the proposed access road to the south; proceed southwesterly along the proposed access road approximately 2,920'; turn and proceed in a easterly direction along the proposed access road approximately 200' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 3,120' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached. **Refer to Exhibit "D".**

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the State 6-16-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the State 6-16-9-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #6-16-9-16, SE/NW Section 16, T9S, R16E, LEASE #ML-16532, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

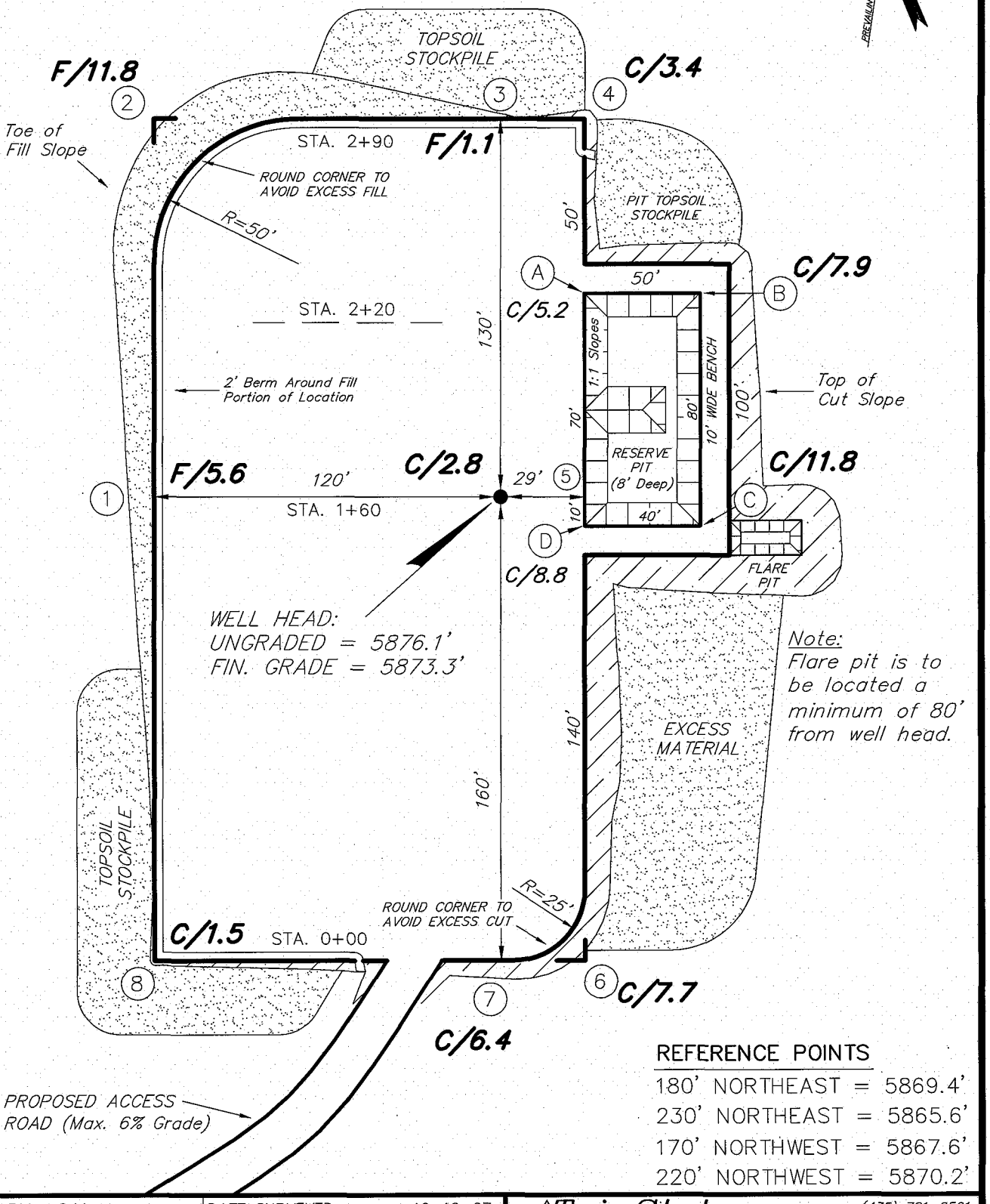
11/19/07
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 6-16-9-16

Section 16, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

180' NORTHEAST = 5869.4'
230' NORTHEAST = 5865.6'
170' NORTHWEST = 5867.6'
220' NORTHWEST = 5870.2'

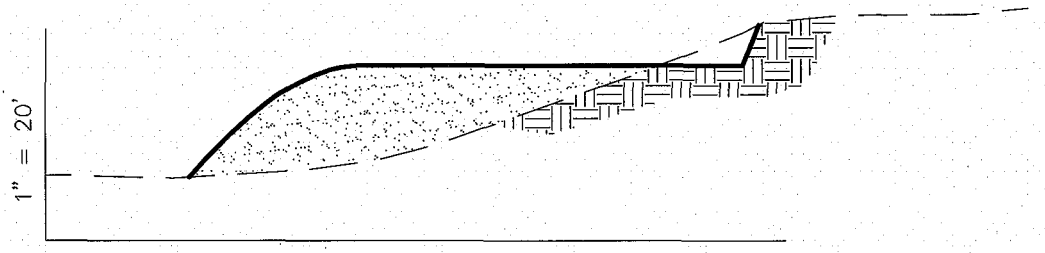
SURVEYED BY: C.M.		DATE SURVEYED:	10-10-07
DRAWN BY: F.T.M.		DATE DRAWN:	10-31-07
SCALE: 1" = 50'		REVISED:	

Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

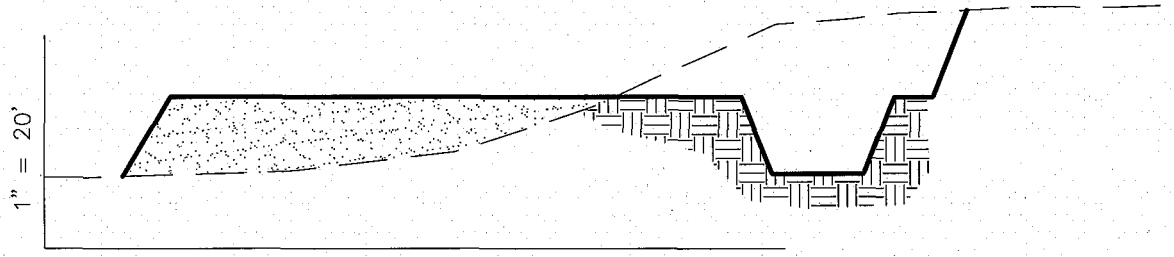
CROSS SECTIONS

9 MILE 6-16-9-16



1" = 50'

STA. 2+90



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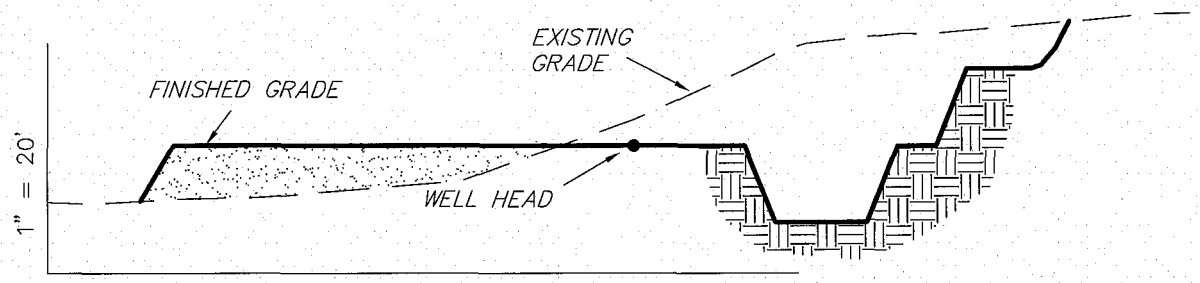
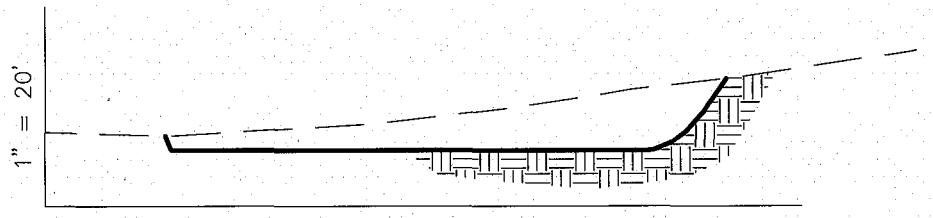
STA. 2+20



1" = 50'

STA. 1+60



1" = 50'

STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,890	4,890	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,530	4,890	1,050	640

SURVEYED BY: C.M.	DATE SURVEYED:	10-10-07	
DRAWN BY: F.T.M.	DATE DRAWN:	10-31-07	
SCALE: 1" = 50'	REVISED:		

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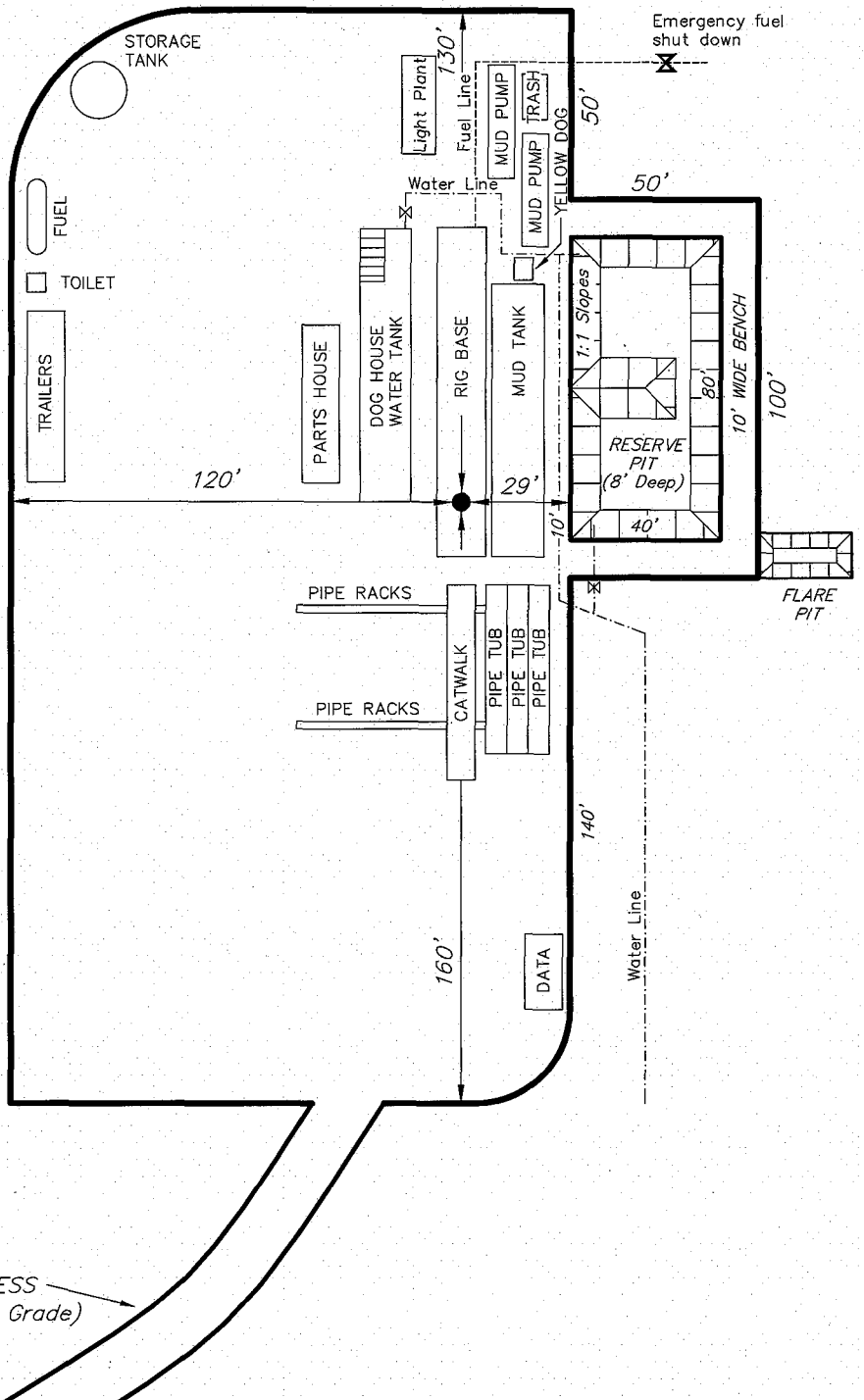
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 6-16-9-16



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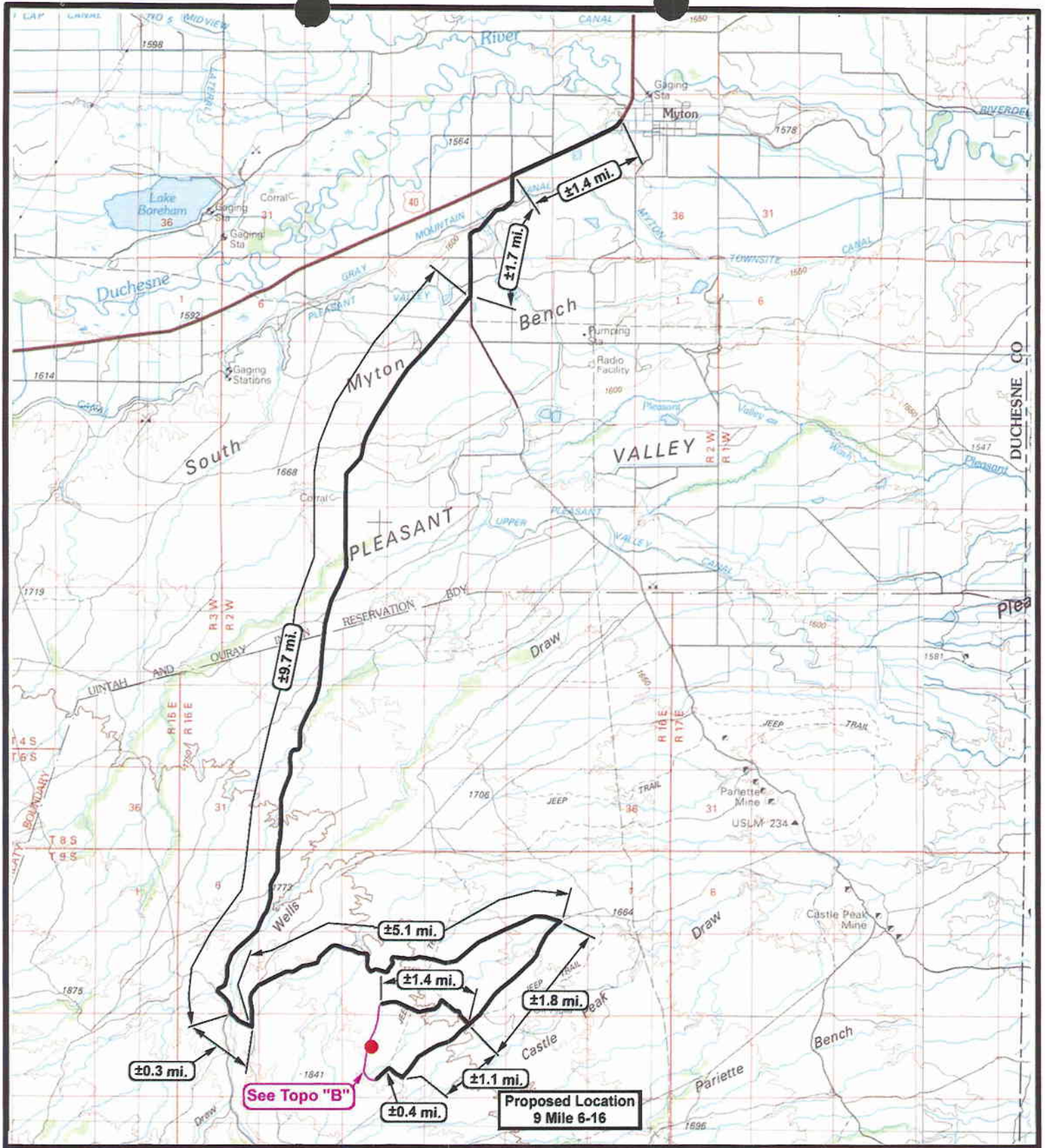


NEWFIELD
Exploration Company

9 Mile 6-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

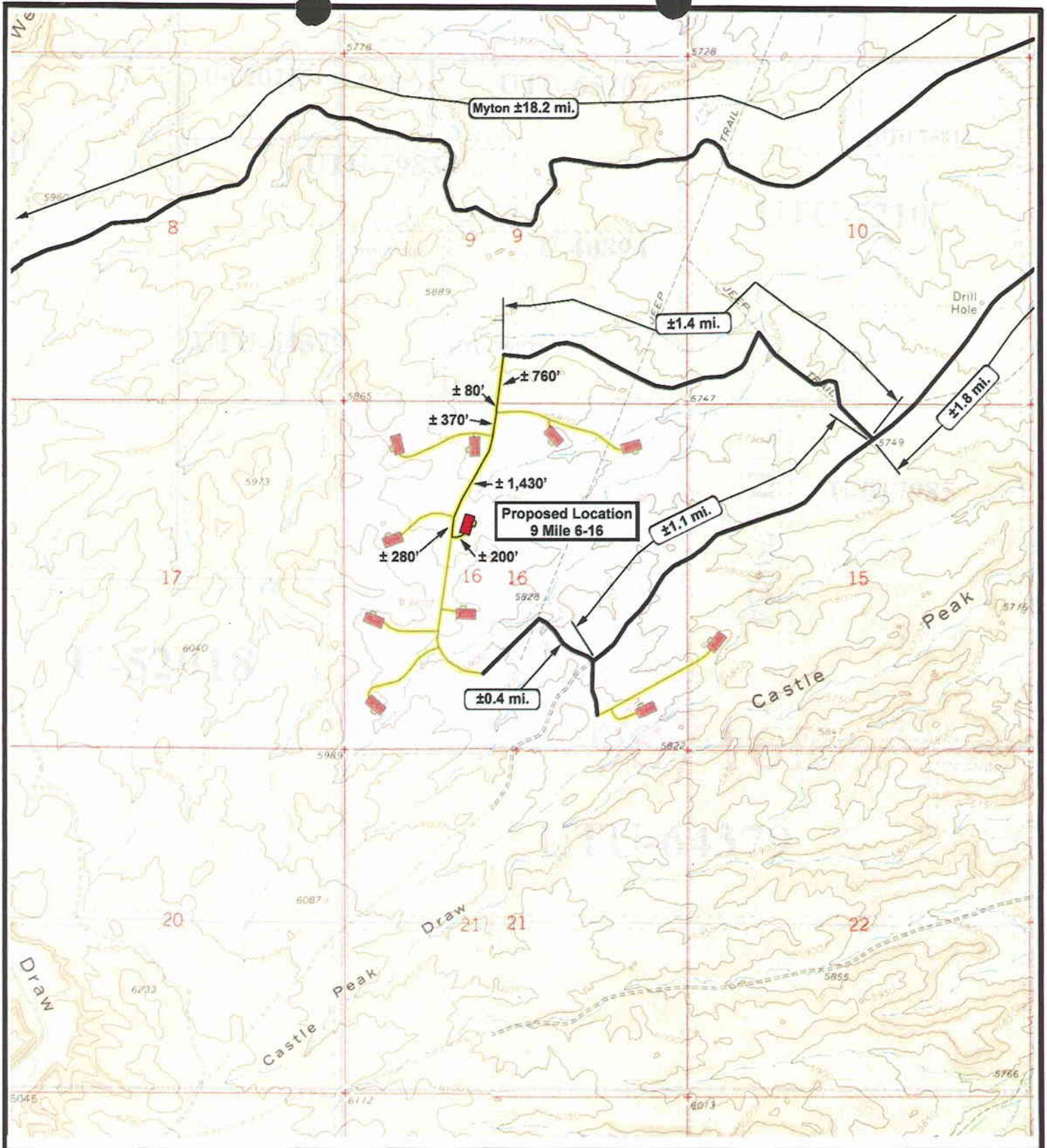
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 11-02-2007

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 6-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

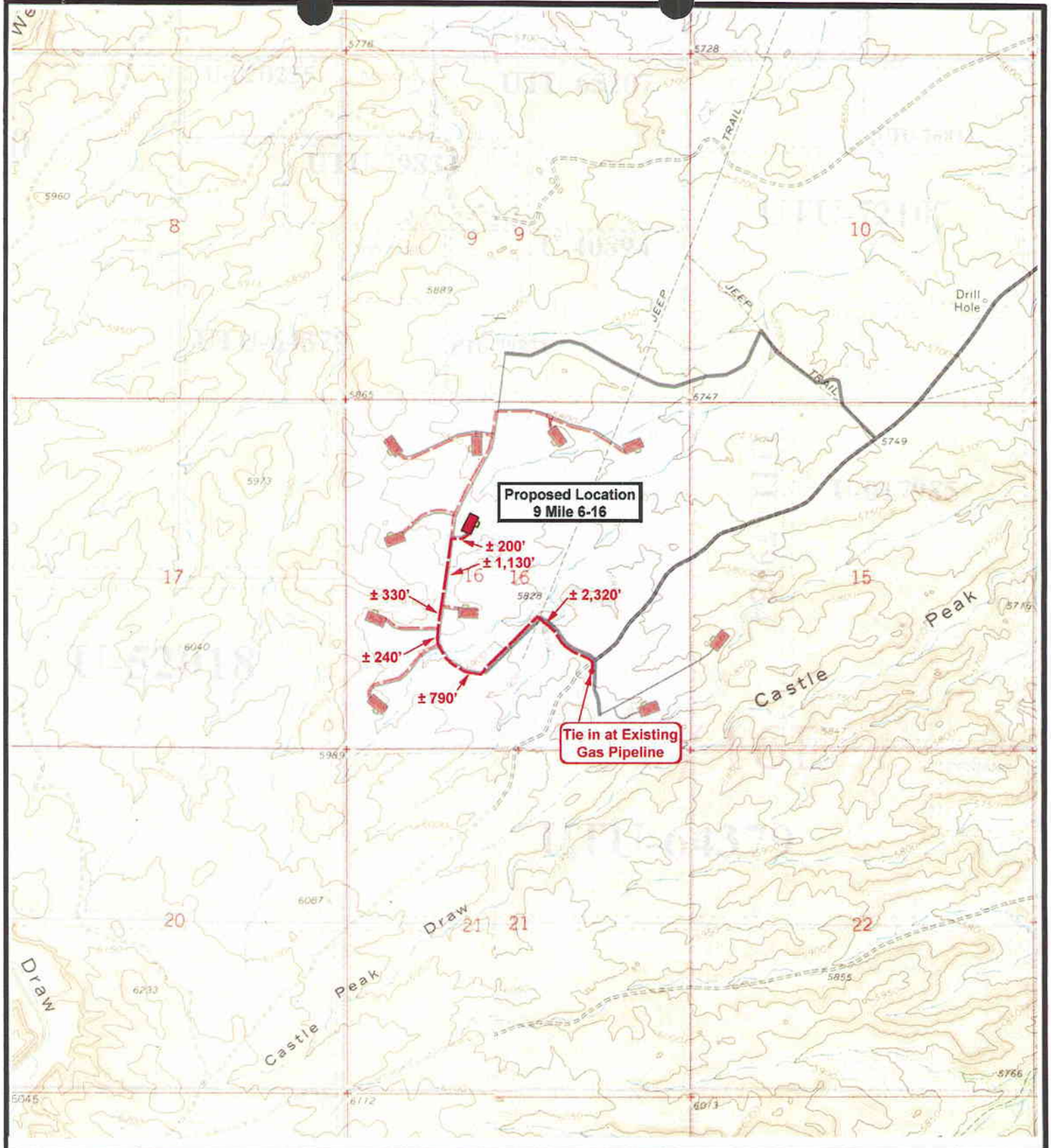
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 6-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

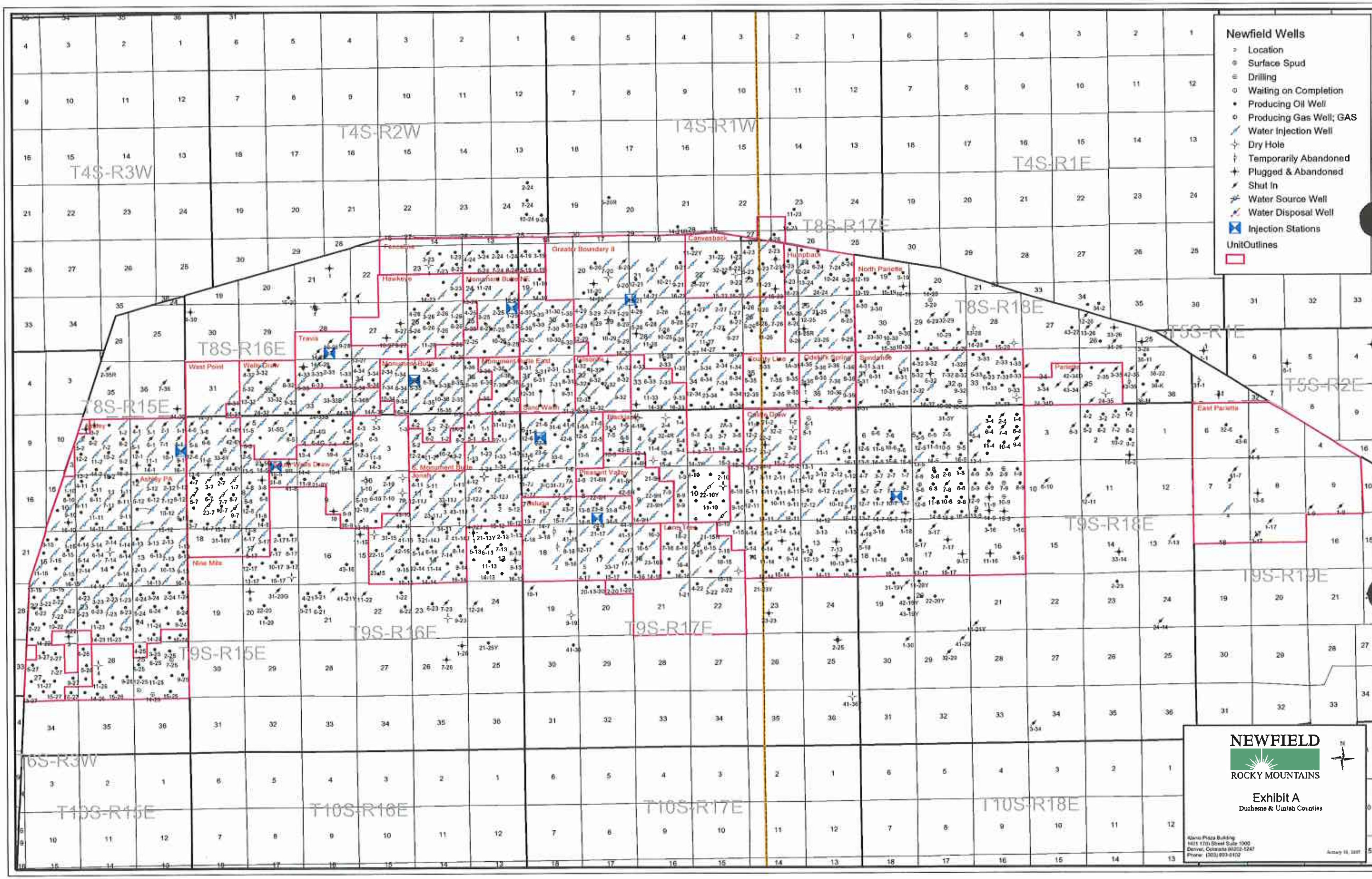
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

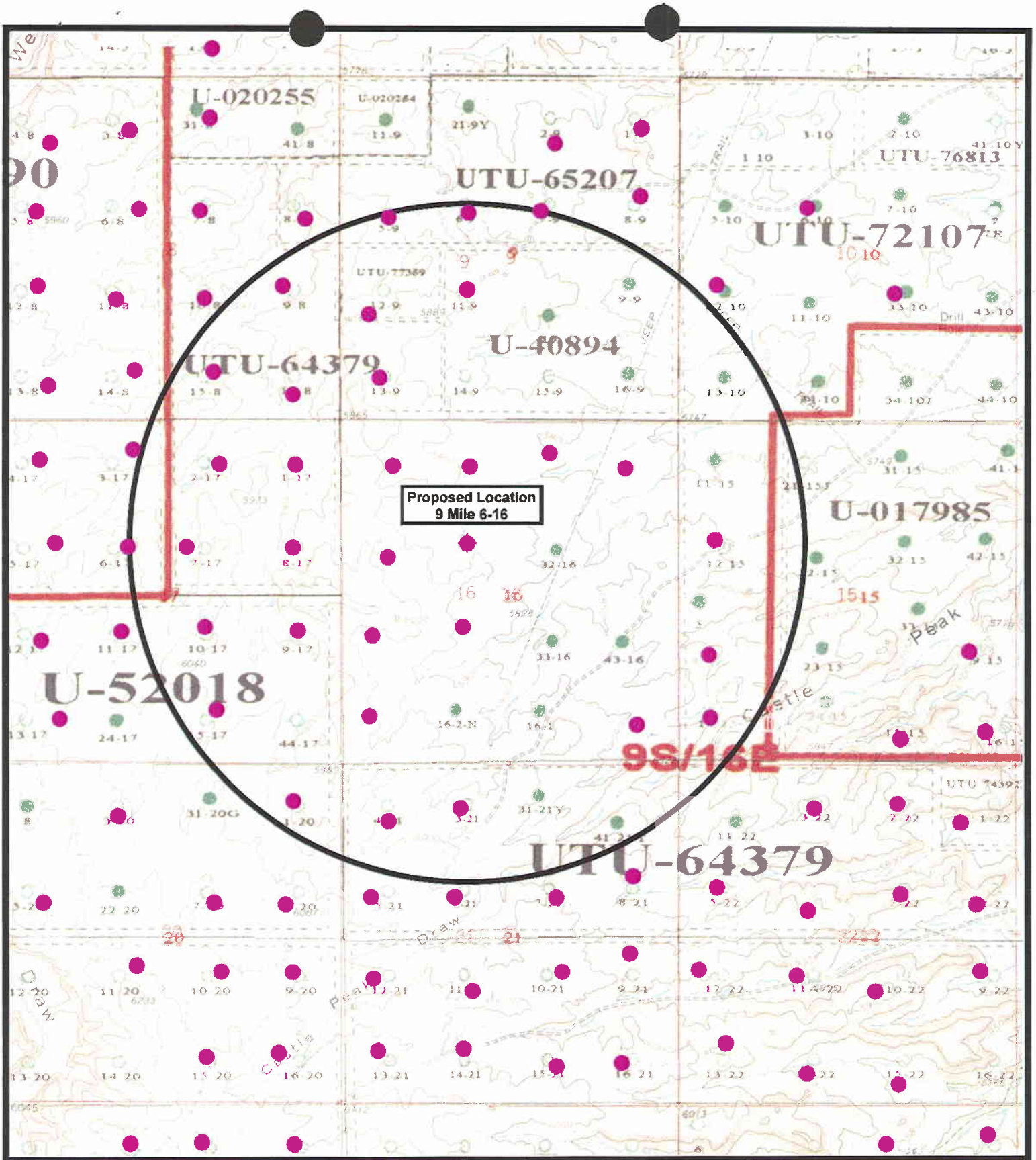
Legend

Roads
Proposed Gas Line

TOPOGRAPHIC MAP
"C"



Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well; GAS
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T4S-R1E
T8S-R17E
T8S-R16E
T8S-R18E
T5S-R1E
T5S-R2E
T8S-R15E
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T9S-R19E
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
NEWFIELD
ROCKY MOUNTAINS
Exhibit A
Duchesne & Uintah Counties
N



NEWFIELD
Exploration Company

9 Mile 6-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend
- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

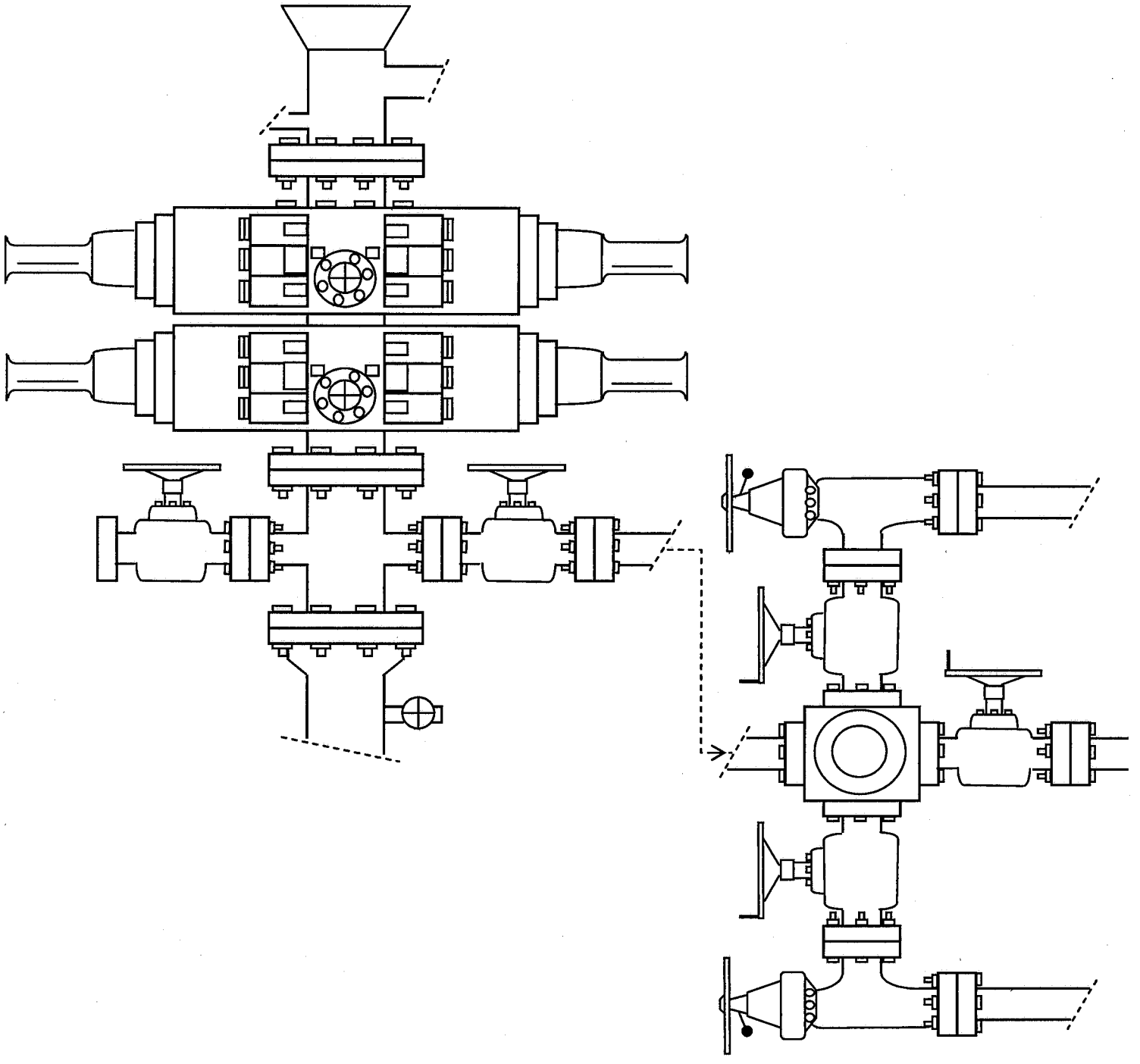


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S TEN 40 ACRE PARCELS IN TOWNSHIP 9S, RANGE 16E, SECTION 16 DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

State of Utah
School & Institutional Trust Lands Administration
Salt Lake City

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Submitted By:

Keith R. Montgomery
Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 07-348

October 31, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Public Lands Policy
Archaeological Survey Permit No. 117

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-1297s

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/29/2007

API NO. ASSIGNED: 43-013-33850

WELL NAME: STATE 6-16-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SENW 16 090S 160E

SURFACE: 1847 FNL 1974 FWL

BOTTOM: 1847 FNL 1974 FWL

COUNTY: DUCHESNE

LATITUDE: 40.03303 LONGITUDE: -110.1261

UTM SURF EASTINGS: 574564 NORTHINGS: 4431579

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	1/24/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-16532

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/D Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit:

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

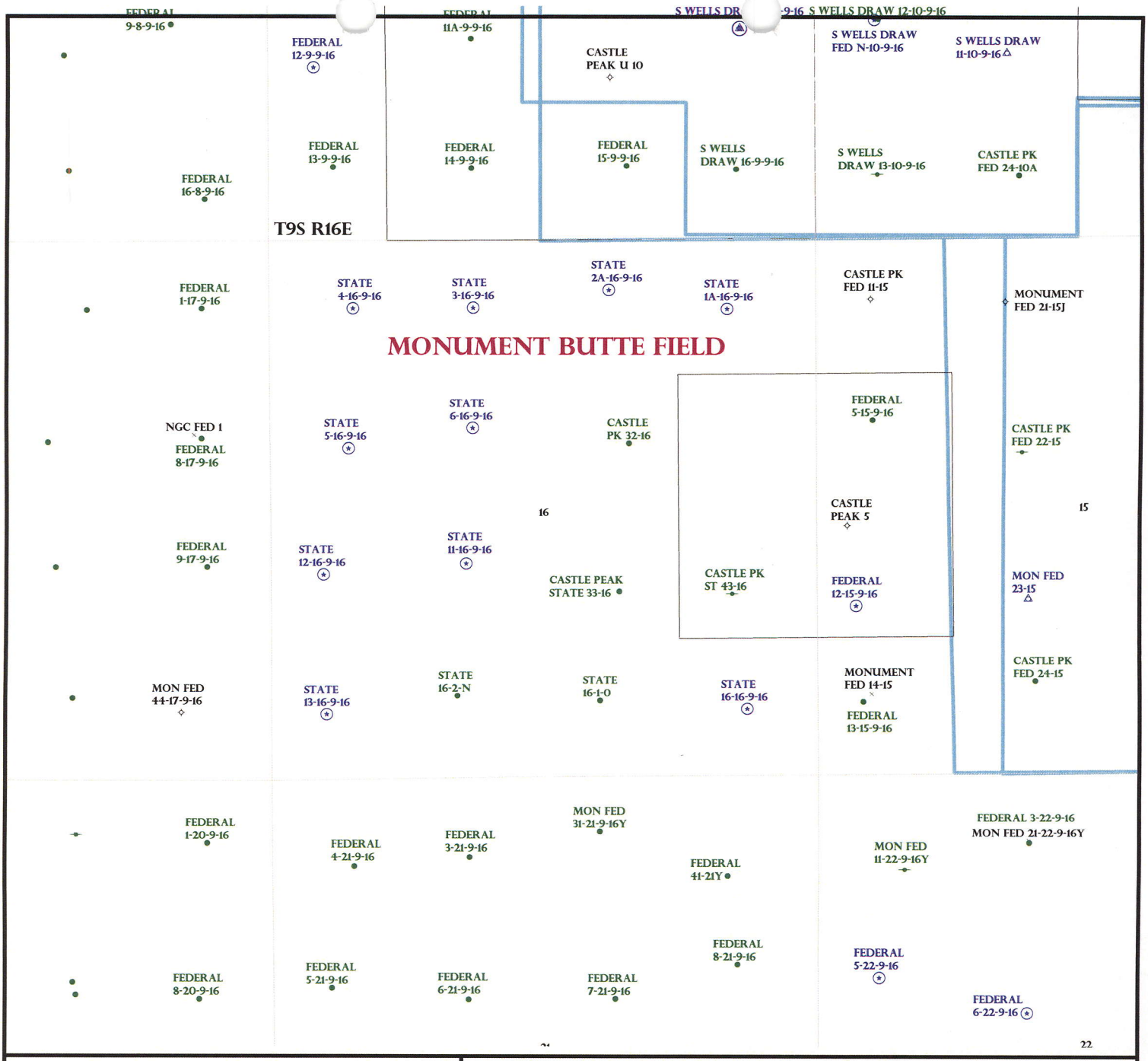
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No:
Eff Date:
Siting:

___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (12-13-07)

STIPULATIONS: 1- Spacing Strip
2- Statement of Basis
3- Surface Csg Cmt Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 16 T.9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 05-DECEMBER-2007

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
631	43-013-33850-00-00		OW	S	No

Operator NEWFIELD PRODUCTION COMPANY **Surface Owner-APD**
Well Name STATE 6-16-9-16 **Unit**
Field MONUMENT BUTTE **Type of Work**
Location SENW 16 9S 16E S 1847 FNL 1974 FWL GPS Coord (UTM) 574564E 4431579N

Geologic Statement of Basis

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 2,900'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought high enough to cover the estimated base of the moderately saline ground water.

Brad Hill 12/19/2007
APD Evaluator **Date / Time**

Surface Statement of Basis

The general area is approximately 22 miles southwest of Myton, Utah in the upper Castle Peak area. Castle Peak Draw runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 22 miles. Construction of 280 feet of new road will be required.

The proposed State #6-16-9-16 oil well location is on the west side of a ridge with the reserve pit and location mostly located in a flat. The hill was crowded with the pad so as not to block flat with fill. No diversions needed but minor side slope flow onto location may occur. The selected site poses no apparent surface concerns and appears to be a good location for constructing a pad, drilling and operating a well. The area was covered with about 10 inches of snow during the evaluation. Both the surface and minerals are owned by SITLA.

Daniel Emmett representing the Utah Division of Wildlife Resources stated the area is classified as substantial value sage grouse brooding habitat and crucial yearlong antelope habitat. He ask Mr. Allred of Newfield and Mr. Davis of SITLA that they try to schedule construction and drilling around the critical period of March 1 to June 15th for sagegrouse brooding. No restrictions for the antelope were requested. No other wildlife are expected to be significantly affected. Mr. Emmett gave Mr. Allred of Newfield Production Company and Mr. Davis of SITLA a copy of his evaluation and also a seed mix recommendation to be used when the reserve pit and location are reclaimed.

Floyd Bartlett 12/13/2007
Onsite Evaluator **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name STATE 6-16-9-16
API Number 43-013-33850-0 **APD No** 631 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SENW **Sec** 16 **Tw** 9S **Rng** 16E 1847 FNL 1974 FWL
GPS Coord (UTM) 574574 4431583 **Surface Owner**

Participants

Floyd Bartlett (DOGM), David Allred (Newfield Production Company), Cory Miller (Tri-state Land Surveying), Jim Davis (SITLA), Daniel Emmett (Utah Division of Wildlife Resources).

Regional/Local Setting & Topography

The general area is approximately 22 miles southwest of Myton, Utah in the upper Castle Peak area. Castle Peak Draw runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 22 miles. Construction of 280 feet of new road will be required.

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Surface Use Plan

Current Surface Use
Grazing
Recreational
Wildlfe Habitat

New Road Miles	Well Pad		Src Const Material	Surface Formation
0.05	**Width** 209	**Length** 290	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Area was covered with snow. Vegetation is a Deseret shrub type. Identified or expected vegetation consisted of black sagebrush, shadscale, greasewood,mustard weed, rabbit brush, horsebrush, broom snakeweed, and spring annuals.

Cattle, prairie dogs, antelope, small mammals and birds. Golden eagle have been sited in the general area.

Soil Type and Characteristics

Moderately deep sandy clay loam with some surface rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

No diversions needed but minor side slope flow onto location may occur.

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	25 1 **Sensitivity Level**

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the northeast side of the location. A pit liner is required. Newfield commonly uses a 16 mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

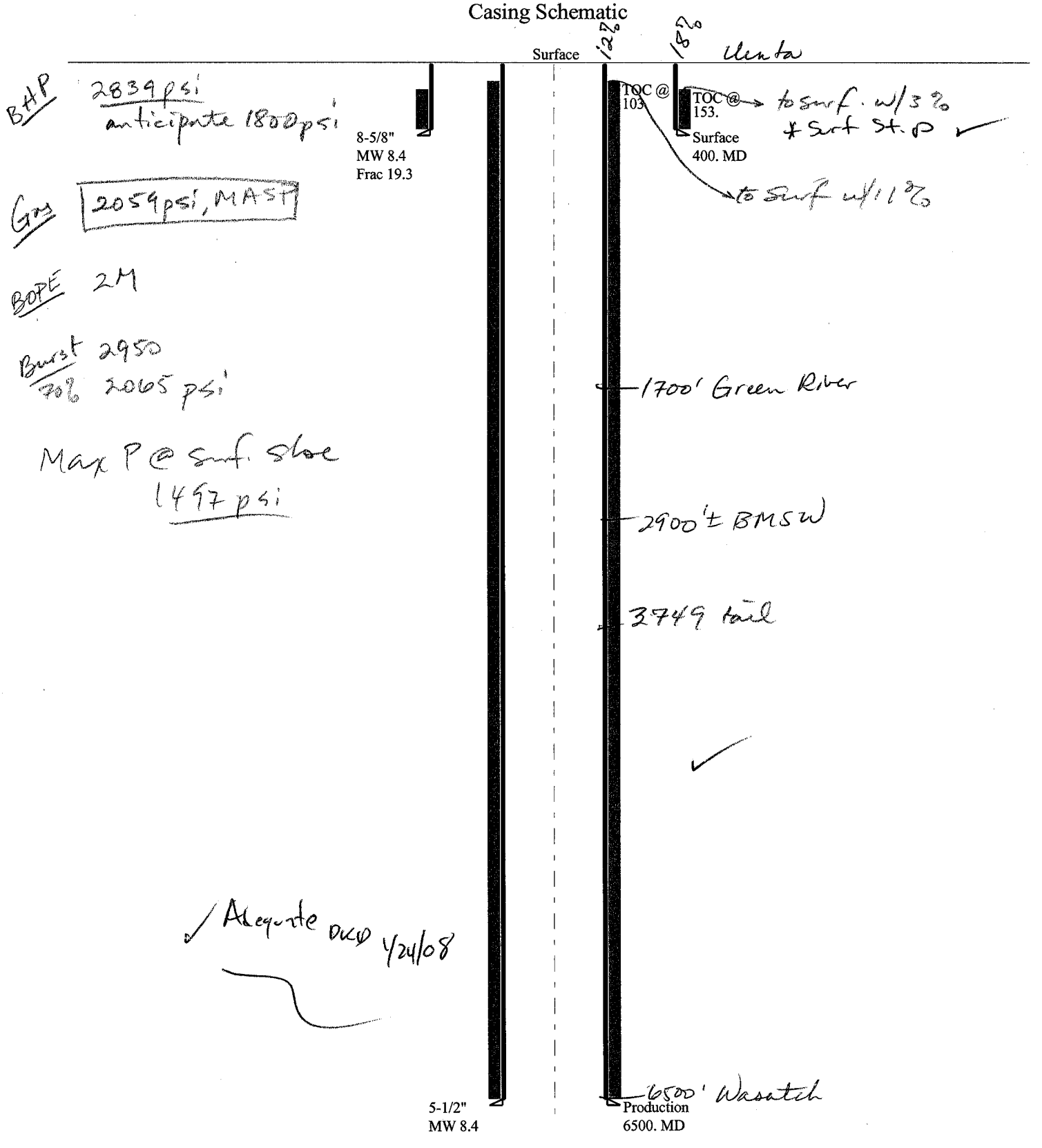
ATV's used to reach site. Site under 10 inches of snow.

Floyd Bartlett — **Evaluator**

12/13/2007 — **Date / Time**

2008-01 Newfield State 6-16-9-16

Casing Schematic



BOPE REVIEW

Well Name	Newfield State 6-16-9-16 API# 43-013-33850

INPUT

Well Name	Newfield State 6-16-9-16 API# 43-013-33850			
	String 1	String 2	String 3	String 4
Casing Size (")	20	13 3/8		
Setting Depth (TVD)	400	6500		
Previous Shoe Setting Depth (TVD)	0	400	0	0
Max Mud Weight (ppg)	8.4	8.4		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		

Calculations	String 1	20 "		
Max BHP [psi]	.052*Setting Depth*MW =	175		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	127	NO	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	87	NO	no expected press @ set depth
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	87	NO	
Required Casing/BOPE Test Pressure		400	psi	
***Max Pressure Allowed @ Previous Casing Shoe =**		0	psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	13 3/8 "		
Max BHP [psi]	.052*Setting Depth*MW =	2839		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2059	NO	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1409	YES ✓	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1497	NO	
Required Casing/BOPE Test Pressure		2000	psi	
***Max Pressure Allowed @ Previous Casing Shoe =**		400	psi	*Assumes 1psi/ft frac gradient

Well name:	**2008-01 Newfield State 6-16-9-16**
Operator:	**Newfield Production Company**
String type:	Surface
Project ID:	43-013-33850
Location:	Duchesne County

Design parameters:

Collapse

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 352 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 400 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 349 ft

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 81 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 290 ft

Cement top: 153 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,500 ft

Next mud weight: 8.400 ppg

Next setting BHP: 2,836 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 400 ft

Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	143

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	175	1370	7.851	400	2950	7.38	8	244	29.09 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals

Phone: 801-538-5357

FAX: 801-359-3940

Date: January 11,2008

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2008-01 Newfield State 6-16-9-16**
Operator:	**Newfield Production Company**
String type:	Production
Project ID:	43-013-33850
Location:	Duchesne County

Design parameters:

Collapse

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,406 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 2,836 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 5,674 ft

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 166 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 103 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	6500	5.5	15.50	J-55	LT&C	6500	6500	4.825	868.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2836	4040	1.424	2836	4810	1.70	88	217	2.47 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals

Phone: 801-538-5357

FAX: 801-359-3940

Date: January 11,2008

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Mason, Diana
Date: 1/8/2008 12:05 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

ConocoPhillips Company
Utah 29-574D (API 43 015 30735)

EOG Resources, Inc
CWU 956-32 (API 43 047 39515)

Kerr McGee Oil & Gas Onshore LP
NBU 1021-2N (API 43 047 38840)

Newfield Production Company
Wells Draw Fed C-5-9-16 (API 43 013 33753)
State 1A-16-9-16 (API 43 013 33845)
State 2A-16-9-16 (API 43 013 33846)
State 3-16-9-16 (API 43 013 33847)
State 4-16-9-16 (API 43 013 33848)
State 5-16-9-16 (API 43 013 33849)
State 6-16-9-16 (API 43 013 33850)
State 12-16-9-16 (API 43 013 33852)
State 13-16-9-16 (API 43 013 33853)
State 16-16-9-16 (API 43 013 33854)

Pioneer Natural Resources USA, Inc
Main Canyon State 12-16-15-23 (API 43 047 39695)
Main Canyon State 34-21-15-23 (API 43 047 39696)
Horse Point State 34-10-16-23 (API 43 019 31558)
Horse Point State 41-1-16-23 (API 43 019 31599)
Grand Canyon State 23-35-15.5-23 (API 43 019 31560)

If you have any questions regarding this matter please give me a call.

Helen Sadik-Macdonald - Newfield wells

From: "Hans Wychgram"
To:
Date: 01/09/2008 3:52 PM
Subject: Newfield wells
CC: "Brad Mecham" , "Mandie Crozier"

Helen,

As per our conversation this afternoon, Newfield agrees to set 400' of surface casing on the following wells:

State 3-16-9-16

State 4-16-9-16

State 5-16-9-16

State 6-16-9-16

State 11-16-9-16

State 12-16-9-16

State 13-16-9-16

State 16-16-9-16

Gilsonite L-32-8-17

Monument Butte F-36-8-16

Also, we discussed setting 300' of 20" conductor casing on the following deep gas wells:

Beluga 16T-5-9-17

Monument Butte 4-36T-8-16

Thanks,

Hans Wychgram

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

January 24, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: State 6-16-9-16 Well, 1847' FNL, 1974' FWL, SE NW, Sec. 16, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33850.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Newfield Production Company

Well Name & Number State 6-16-9-16

API Number: 43-013-33850

Lease: ML-16532

Location: SE NW **Sec.** 16 **T.** 9 South **R.** 16 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **NEWFIELD PRODUCTION COMPANY**

Well Name: **STATE 6-16-9-16**

Api No: **43-013-33850** Lease Type: **STATE**

Section **16** Township **09S** Range **16E** County **DUCHESNE**

Drilling Contractor **ROSS DRILLING** RIG # **24**

SPUDDED:

Date **03/03/ 08**

Time **11:00 AM**

How **DRY**

Drilling will Commence:

Reported by **JONNY DAVIS**

Telephone # **(435) 823-3610**

Date **03/03/08** **Signed** **CHD**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16739	4304739769	STATE 4-36T-8-17	NWNW	36	8	17	UINTAH	3/5/2008	3/17/08

WELL 1 COMMENTS: MNCS PA'd

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999		4304739264	FEDERAL 10-24-9-17	NWSE	24	9	17	UINTAH	3/17/08 ~~3/5/2008~~	

C GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
~~B~~ A	99999	11880	4301333713	BELUGA FEDERAL C-17-9-17	~~NENW~~ NWNE	17	9	17	DUCHENSE	3/5/2008	3/17/08

GRRV BHL = NWNE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999		4304739962	STATE 4-36TA-8-17	NWNW	36	8	17	UINTAH	3/7/2008	

MNCS Rigskid from 4304739769

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
~~B~~ A	99999	12417	4301333301	LONETREE FEDERAL 1-22-8-17	NENE	22	9	17	DUCHESNE	3/7/2008	3/17/08

WELL 5 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16740	4301333850	STATE 6-16-9-16	~~SENE~~ SENW	16	~~8~~ 9S	~~16~~ 16E	DUCHESNE	3/3/2008	3/17/08

WELL 5 COMMENTS: GRRV

ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
MAR 12 2008
DIV. OF OIL, GAS & MINING

Tammi Lee
Signature

Production Clerk
Title

03/12/08
Date

RECEIVED

MAR 1 2 2008

DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS** Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	5. LEASE DESIGNATION AND SERIAL NO. **ML-16532** 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME **N/A**
OIL WELL [ ] GAS WELL [X] OTHER [ ]	7. UNIT AGREEMENT NAME **NA**
2. NAME OF OPERATOR **NEWFIELD PRODUCTION COMPANY**	8. WELL NAME and NUMBER **STATE 6-16-9-16**
3. ADDRESS AND TELEPHONE NUMBER **Rt. 3 Box 3630, Myton Utah 84052** **435-646-3721**	9 API NUMBER **43-013-33850**
4. LOCATION OF WELL Footages **1847 FNL 1974 FWL** QQ, SEC, T, R, M: **SE/NW Section 16, T9S R16E**	10 FIELD AND POOL, OR WILDCAT **MONUMENT BUTTE** COUNTY **DUCHESNE** STATE **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT: (Submit in Duplicate)		SUBSEQUENT REPORT OF: (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[ ] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[X] OTHER **APD Change**		DATE WORK COMPLETED	
		Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		*Must be accompanies by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

Newfeild Production requests the following changes be made the drilling program on the above mentioned approved APD.

Surface Casing will be set @ 290'.

13. NAME & SIGNATURE Mandie Crozier TITLE Regulatory Specialist DATE 3/7/2008

(This space for State use only)

4/94 * See Instructions On Reverse Side

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 3/14/08

BY:

COPY SENT TO OPERATOR

Date: 3.19.2008

Initials: KS

FORM 3160-4
(July 1992)

SUBMIT IN DUPLICATE* (See other instructions ons reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: State

8. FARM OR LEASE NAME, WELL NO.: State 6-16-9-16

9. WELL NO.: 43-013-33850

10. FIELD AND POOL OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 16, T9S, R16E

1a. TYPE OF WORK: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

2. NAME OF OPERATOR: Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.: 1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 1849' FNL & 1974' FWL (SE/NW) Sec. 16, T9S, R16E
At top prod. Interval reported below
At total depth

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-33850	01/24/08	Duchesne	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
03-03-08	04-09-08	05/12/08	5876' GL 5888' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5820'	5801'		------>	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*: Green River 4093'-5574'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	431'	12-1/4"	To surface with 205 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5823'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5622'	TA @ 5523'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP1) 5548'-5574'	.49"	4/104
(A1) 5086'-5094'	.49"	4/32
(D3 &2) 4732'-48', 4692'-4708'	.49"	4/128
(GB6 &4) 4166'-71', 4125'-30', 4093'-99'	.49"	4/64

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5548'-5574'	Frac w/ 125,681# 20/40 sand in 903 bbls fluid
5086'-5094'	Frac w/ 60,763# 20/40 san din 507 bbls fluid
4692'-4748'	Frac w/ 133,141# 20/40 sand in 962 bbls fluid
4093'-4171'	Frac w/ 43,849# 20/40 sand in 426 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
05/12/08	2-1/2" x 1-1/2" x 15' RHAC Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	55	35	600	636

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold & Used for Fuel

TEST WITNESSED BY

RECEIVED
JUN 30 2008
DIV. OF OIL, GAS & MINING

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jentri Park TITLE Production Tech DATE 6/24/2008

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name **State 6-16-9-16**

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	**3634'**	
Garden Gulch 1	**3850'**	
Garden Gulch 2	**3958'**	
Point 3 Mkr	**4207'**	
X Mkr	**4472'**	
Y-Mkr	**4507'**	
Douglas Creek Mkr	**4622'**	
BiCarbonate Mkr	**4862'**	
B Limestone Mkr	**4969'**	
Castle Peak	**5506'**	
Basal Carbonate	**NP**	
Total Depth (LOGGERS	**5821'**	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-16532
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: STATE 6-16-9-16
9. API NUMBER: 4301333850
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1847 FNL 1974 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 16, T9S, R16E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
07/01/2008	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Subject well had completion procedures initiated in the Green River formation on 04-23-08 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5548'-5574') 4 JSPF 104 holes. #2 (5086'-5094') 4 JSPF 32 holes. #3 (4732'-4748'), (4692'-4708') 4 JSPF 128 holes. #4 (4166'-4171'), (4125'-4130'), (4093'-4099') 4 JSPF 64 holes. Composite flow-through frac plugs were used between stages. Fraces were flowed back through chokes. A service rig was moved on well on 05-02-08. Bridge plugs were drilled out. Well was cleaned ou to PBTD @ 5801'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5622'. A 2-1/2"x 1-1/2"x15' RHAC pump was run in welll on sucker rods. Well was placed on production via rod pump on 05-12-08.

RECEIVED
JUL 08 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech

SIGNATURE DATE 07/01/2008

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: STATE 6-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338500000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1847 FNL 1974 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/5/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	✓ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

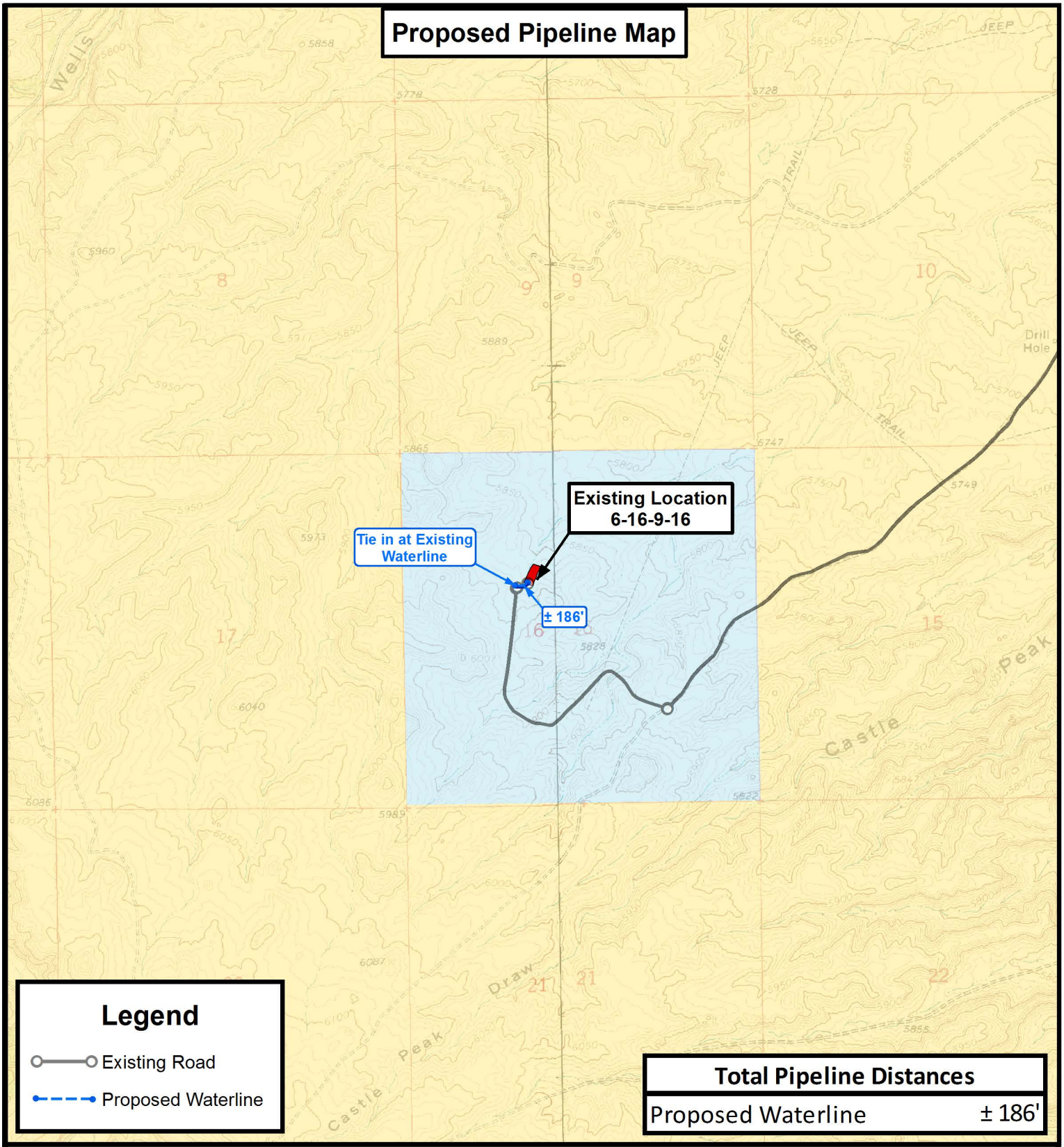
Newfield Production proposes to install 186' on SITLA land, Section 16 of T9 R16 of 3" buried waterline to the 6-16-9-16 for the purpose of water injection. Disturbance would follow existing roadways and be limited to 15 feet in width, depending on terrain. See attachment for details.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 21, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tim Eaton	465 646-4858	Regulatory Tech
SIGNATURE N/A		**DATE** 6/18/2012

RECEIVED: Jun. 18, 2012

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Waterline

Total Pipeline Distances	
Proposed Waterline	± 186'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

6-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	VERSION:
DATE:	05-02-2012		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: STATE 6-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338500000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1847 FNL 1974 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 7/18/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 07/18/2013. On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 26, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 7/23/2013

RECEIVED: Jul. 23, 2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 7/19/13 **Time** 9:00 (am) pm

Test Conducted by: Riley Bagley

Others Present: Dustin Bennett, Jonny Daniels

Well: State 6-16-9-16 **Field:** Monument Butte

Well Location: State 6-16-9-16 **API No:** 4301333850

Time	Casing Pressure	
0 min	1475	psig
5	1475	psig
10	1475	psig
15	1475	psig
20	1475	psig
25	1475	psig
30 min	1475	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

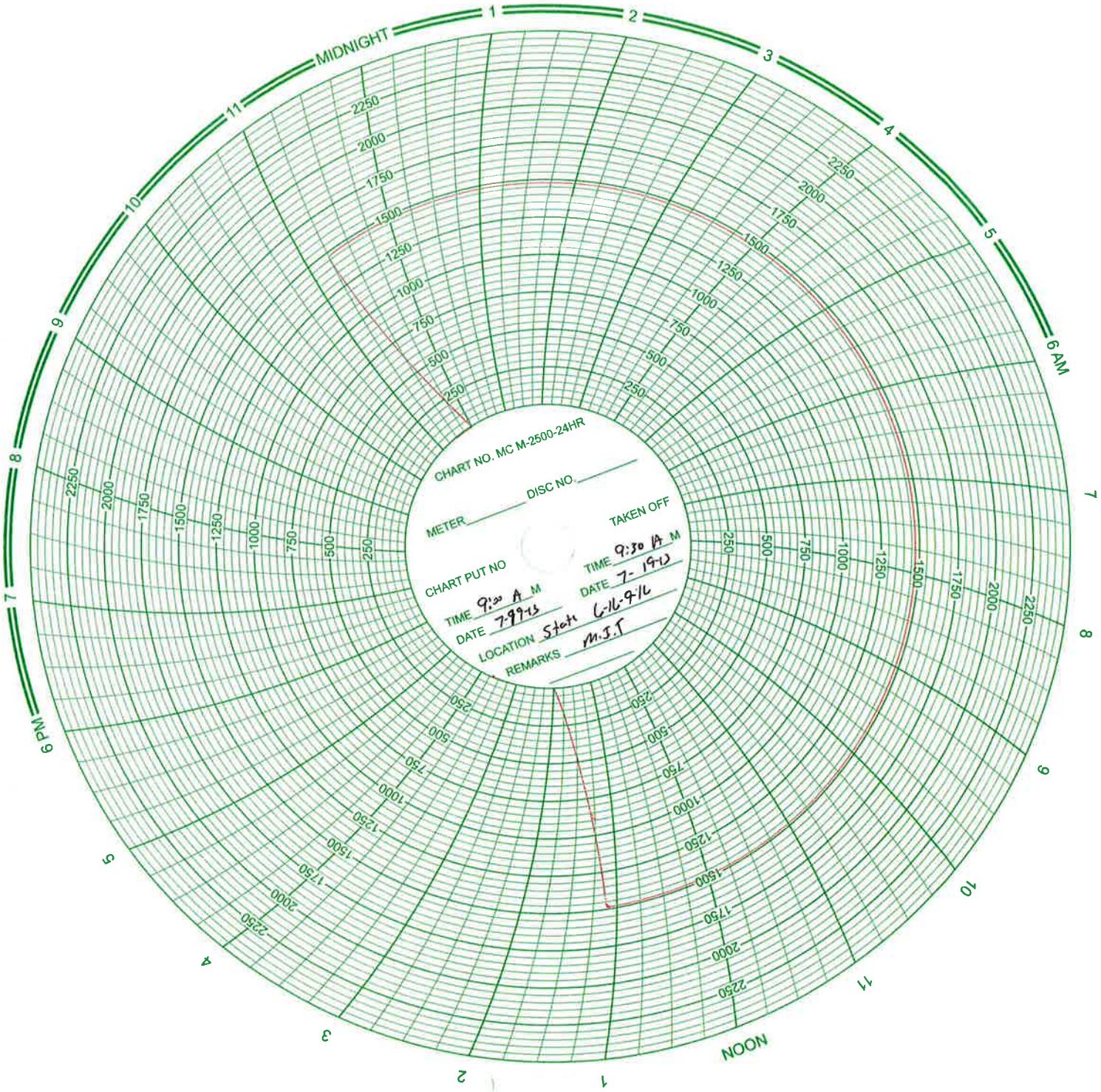
Tubing pressure: 0 psig

Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: Riley Bagley

Sundry Number: 40385 API Well Number: 43013338500000



Daily Activity Report

Format For Sundry

STATE 6-16-9-16

5/1/2013 To 9/30/2013

7/17/2013 Day: 1 **Conversion**

Wildcat #2 on 7/17/2013 - TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD

100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL
Daily Cost: $0
Cumulative Cost: $18,970

7/19/2013 Day: 2 **Conversion**

Wildcat #2 on 7/19/2013 - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL **Finalized**
Daily Cost: $0
Cumulative Cost: $18,970

7/22/2013 Day: 3 **Conversion**

Rigless on 7/22/2013 - Condcut initial MIT - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.
Finalized
Daily Cost: $0
Cumulative Cost: $51,182

Pertinent Files: **Go to File List**

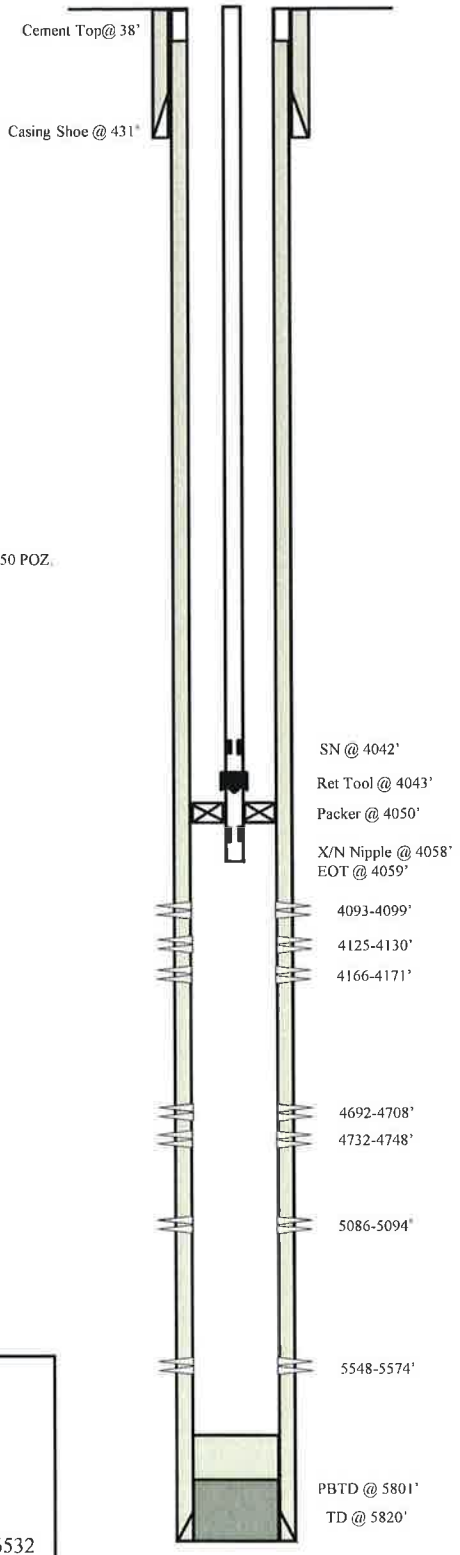
State 6-16-9-16

Spud Date: 03-03-08

Put on Production: 05-12-08

GL: 5876' KB: 5888'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts. (321.48')
DEPTH LANDED: 431'
HOLE SIZE: 12-1/4"
CEMENT DATA: 205 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5809.35')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5822.6'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 38'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 133 jts (4030')
SEATING NIPPLE: 2-7/8" N-80 (1.10')
SN LANDED AT: 4042' KB
RET TOOL N-80 AT: 4043.1'
ARROW #1 PACKER CE AT: 4050.1'
XO 2-3/8 x 2-7/8 J-55 AT: 4053.1'
TBG PUP 2-3/8 J-55 AT: 4053.6'
X/N NIPPLE AT: 4057.7'
TOTAL STRING LENGTH: EOT @ 4059.27

FRAC JOB

4-29-08	**5548-5574'**	**Frac CP1 sands as follows:** Frac with 125681 #'s of 20/40 sand in 903 bbls of Lightning 17 fluid. Treat at an ave pressure of 1713 psi @ 23.9 BPM. ISIP 2198 psi.
4-29-08	**5086-5094'**	**Frac A1 sands as follows:** Frac with 60763 #'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Treat at an ave pressure of 2229 psi @ 23.2 BPM. ISIP 2405psi.
4-29-08	**4692-4748'**	**Frac D3 & D2 sands as follows:** Frac with 133141 #'s of 20/40 sand in 962 bbls of Lightning 17 fluid. Treat at an ave pressure of 2005 psi @ 24.6 BPM. ISIP 2005 psi.
4-29-08	**4093-4171'**	**Frac GB4 & GB6 sand as follows:** Frac with 43849 #'s 20/40 sand in 426 bbls of Lightning 17 fluid. Treat at an ave pressure of 1908 psi @ 23.2 BPM. ISIP 1900 psi.
7/14/08		**Pump change**. Updated tubing and rod detail.
9/9/08		**Pump Change**. Updated rod &tubing details.
3/23/10		**Pump change**. Updated rod and tubing detail.
1/26/12		**Parted rods**. Updated rod and tubing detail.
07/18/13		**Convert to Injection Well**
07/18/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

4093-4099'	4 JSPF	24 holes
4125-4130'	4 JSPF	20 holes
4166-4171'	4 JSPF	20 holes
4692-4708'	4 JSPF	64holes
4732-4748'	4 JSPF	64 holes
5086-5094'	4 JSPF	32 holes
5548-5574'	4 JSPF	104 holes

NEWFIELD

State 6-16-9-16
1849' FNL & 1974' FEL
SENW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33850; Lease # Utah State ML-16532

LCN 07/22/13

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: STATE 6-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338500000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1847 FNL 1974 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/5/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:20 AM on 09/05/2013.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 17, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 9/6/2013

RECEIVED: Sep. 06, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL Water Injection Well	**5.LEASE DESIGNATION AND SERIAL NUMBER:** ML-16532
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	**8. WELL NAME and NUMBER:** STATE 6-16-9-16
	9. API NUMBER: 43013338500000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 **PHONE NUMBER:** 435 646-4825 Ext	**9. FIELD and POOL or WILDCAT:** MONUMENT BUTTE
4. LOCATION OF WELL **FOOTAGES AT SURFACE:** 1847 FNL 1974 FWL **QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SENW Section: 16 Township: 09.0S Range: 16.0E Meridian: S	**COUNTY:** DUCHESNE **STATE:** UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/5/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:20 AM on 09/05/2013.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 17, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	**PHONE NUMBER** 435 646-4874	**TITLE** Water Services Technician
SIGNATURE N/A		**DATE** 9/6/2013

RECEIVED: Sep. 06, 2013

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT
Cause No. UIC-380

Operator: Newfield Production Company

Well: State 6-16-9-16

Location: Section 16, Township 9 South, Range 16 East

County: Duchesne

API No.: 43-013-33850

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 19, 2012 (revised July 2, 2013).
2. Maximum Allowable Injection Pressure: 1,873 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,000' – 5,801')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____ 9/4/2013
John Rogers, Date
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL Oil Well	**5.LEASE DESIGNATION AND SERIAL NUMBER:** ML-16532
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	**8. WELL NAME and NUMBER:** STATE 6-16-9-16
	9. API NUMBER: 43013338500000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 **PHONE NUMBER:** 435 646-4825 Ext	**9. FIELD and POOL or WILDCAT:** MONUMENT BUTTE
4. LOCATION OF WELL **FOOTAGES AT SURFACE:** 1847 FNL 1974 FWL **QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SENW Section: 16 Township: 09.0S Range: 16.0E Meridian: S	**COUNTY:** DUCHESNE **STATE:** UTAH

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☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 7/18/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
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	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 07/18/2013. On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 26, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 7/23/2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 7/19/13 **Time** 9:00 (am) pm

Test Conducted by: Rusty Bagley

Others Present: Dustin Bennett, Jonny Daniels

Well: State 6-16-9-16	**Field:** Monument Butte
Well Location: State 6-16-9-16	**API No:** 4301333850

Time	Casing Pressure	
0 min	1475	psig
5	1475	psig
10	1475	psig
15	1475	psig
20	1475	psig
25	1475	psig
30 min	1475	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

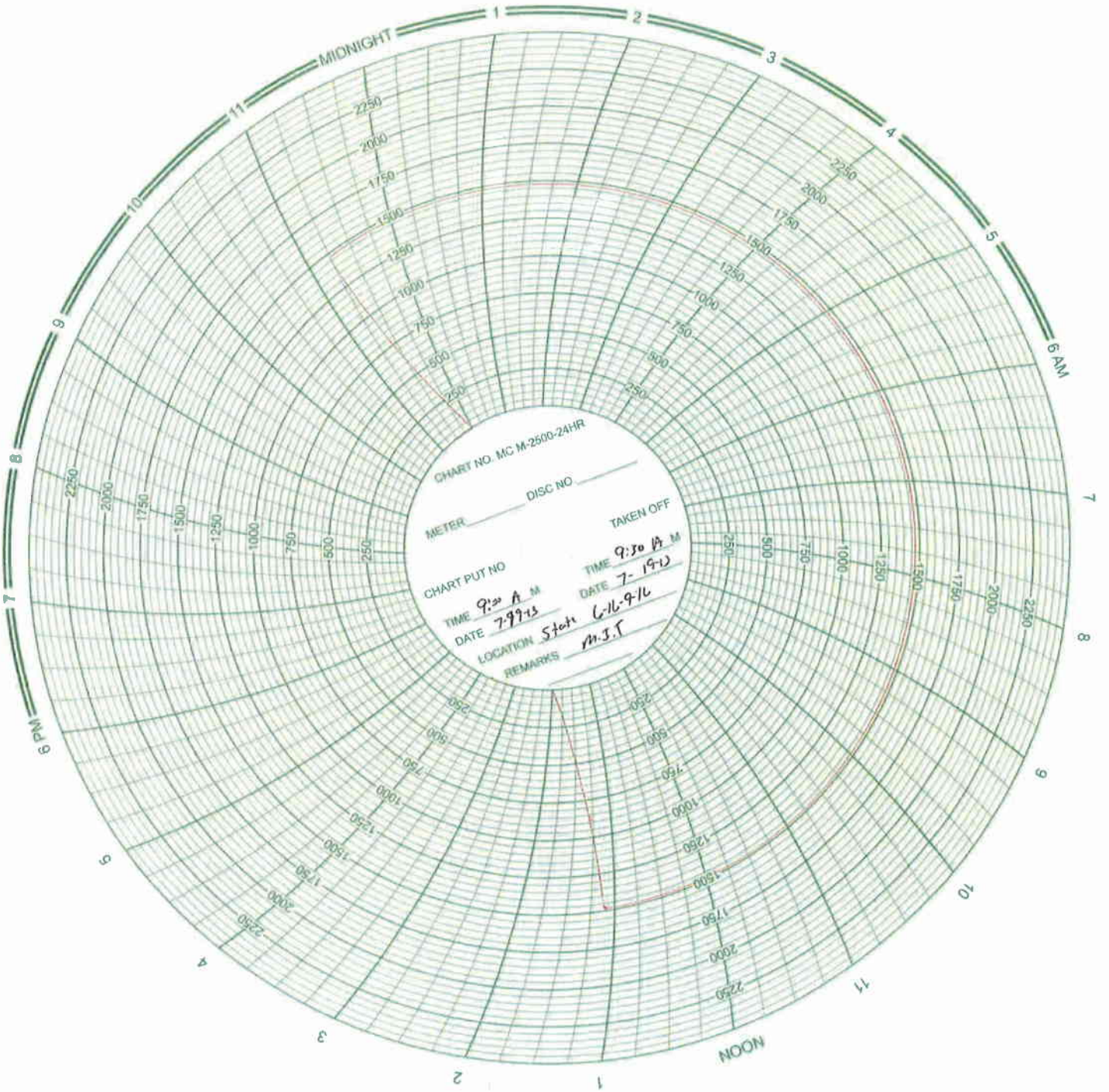
Tubing pressure: 0 psig

Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: Rusty Bagley

Sundry Number: 40385 API Well Number: 43013338500000



Daily Activity Report

Format For Sundry

STATE 6-16-9-16

5/1/2013 To 9/30/2013

7/17/2013 Day: 1 **Conversion**

Wildcat #2 on 7/17/2013 - TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD 100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 8:00AM FLUSHED TBG W/ 60 BBLS @250DEG 8:00AM TO 12:00PM TOOH 128 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 4:00PM LD 50 JTS TBG ON TRAILER FLUSHED TBG 3 TIMES 20 BBLS EACH @250DEG 4:00PM TO 8:00PM TIH W/ 1-2 3/8" XN NIPPLE, 1- 2 3/8"X4' TBG SUB, 1- XO SWEDGE, 1-5 1/2" WEATHERFORD PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 128 JTS OF TBG PUMPED 10 BBLS ON TBG DROPPED STANDING VALVE CHASED W/ 25 BBLS PT TBG TO 3K SPI HELD

100% FOR 30 MIN GOOD TEST SIWFN 8:00PM TO 9:30PM CREW TRAVEL
Daily Cost: $0
Cumulative Cost: $18,970

7/19/2013 Day: 2 **Conversion**

Wildcat #2 on 7/19/2013 - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL - 2:00PM TO 4:00PM TRAVEL TO LOCATION 4:00PM TO 5:30PM RIG UP RIG 5:30PM TO 7:00PM CREW TRAVEL **Finalized**
Daily Cost: $0
Cumulative Cost: $18,970

7/22/2013 Day: 3 **Conversion**

Rigless on 7/22/2013 - Condcut initial MIT - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/18/2013 the casing was pressured up to 1475 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.
Finalized
Daily Cost: $0
Cumulative Cost: $51,182

Pertinent Files: Go to File List

State 6-16-9-16

Spud Date: 03-03-08
Put on Production: 05-12-08
GL: 5876' KB: 5888'

SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH 10 jts (321 48')
DEPTH LANDED 431'
HOLE SIZE 12-1/4"
CEMENT DATA 205 sxs Class "G" cmt

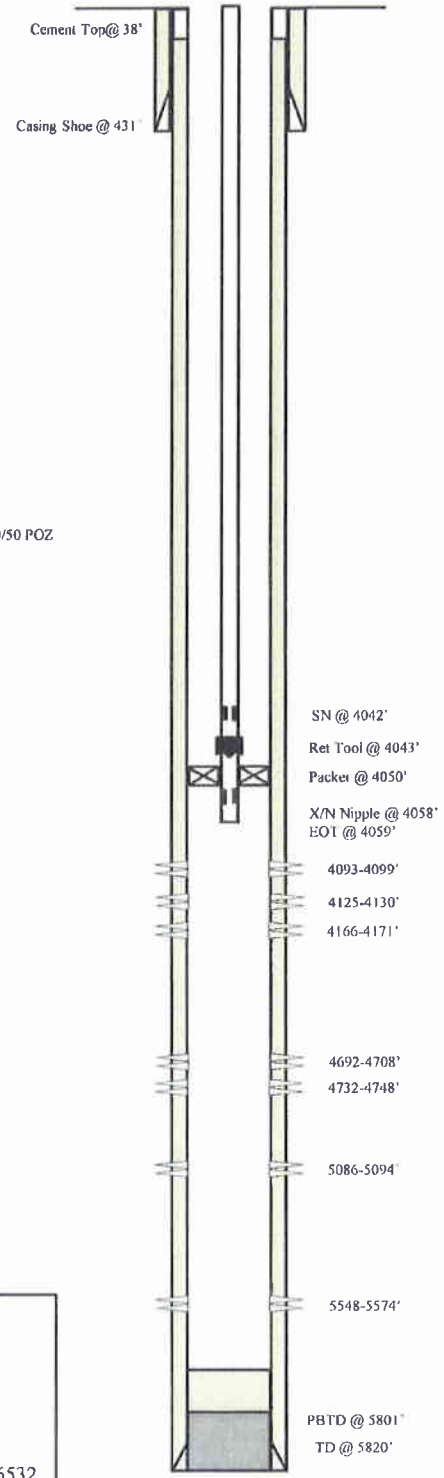
PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE J-55
WEIGHT 15 5#
LENGTH 137 jts (5809 35')
HOLE SIZE 7-7/8"
DEPTH LANDED 5822 6'
CEMENT DATA 300 sk Prem Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP AT 38'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
NO OF JOINTS 133 jts (4030')
SEATING NIPPLE 2-7/8" N-80 (1 10')
SN LANDED AT 4042' KB
RET TOOL N-80 AT: 4043 1'
ARROW #1 PACKER CE AT 4050 1'
XO 2-3/8 x 2-7/8 J-55 AT 4053 1'
TBG PUP 2-3/8 J-55 AT 4053 6'
X/N NIPPLE AT 4057 7'
TOTAL STRING LENGTH: EOT @ 4059 27

Injection Wellbore Diagram



FRAC JOB

4-29-08	5548-5574'	**Frac CP1 sands as follows:** Frac with 125681 #'s of 20/40 sand in 903 bbls of Lightning 17 fluid Treat at an ave pressure of 1713 psi @ 23 9 BPM ISIP 2198 psi
4-29-08	5086-5094'	**Frac A1 sands as follows:** Frac with 60763 #'s of 20/40 sand in 507 bbls of Lightning 17 fluid Treat at an ave pressure of 2229 psi @ 23 2 BPM ISIP 2405psi
4-29-08	4692-4748'	**Frac D3 & D2 sands as follows:** Frac with 133141 #'s of 20/40 sand in 962 bbls of Lightning 17 fluid Treat at an ave pressure of 2005 psi @ 24 6 BPM ISIP 2005 psi
4-29-08	4093-4171'	**Frac GB4 & GB6 sand as follows:** Frac with 43849 #'s 20/40 sand in 426 bbls of Lightning 17 fluid Treat at an ave pressure of 1908 psi @ 23 2 BPM ISIP 1900 psi
7/14/08		**Pump change** Updated tubing and rod detail
9/9/08		**Pump Change** Updated rod &tubing details
3/23/10		**Pump change** Updated rod and tubing detail
1/26/12		**Parted rods** Updated rod and tubing detail
07/18/13		**Convert to Injection Well**
07/18/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

4093-4099'	4 JSPF	24 holes
4125-4130'	4 JSPF	20 holes
4166-4171'	4 JSPF	20 holes
4692-4708'	4 JSPF	64holes
4732-4748'	4 JSPF	64 holes
5086-5094'	4 JSPF	32 holes
5548-5574'	4 JSPF	104 holes

NEWFIELD

State 6-16-9-16
1849' FNL & 1974' FEL
SENW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33850; Lease # Utah State ML-16532

LCN 07/22/13

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

April 19, 2012
Revised July 2, 2013

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: State 6-16-9-16, Section 16, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33850

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

5. The top of the injection interval shall be limited to a depth no higher than ~~4,800 feet~~ **revised to 4000 feet** in the State 6-16-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 19, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

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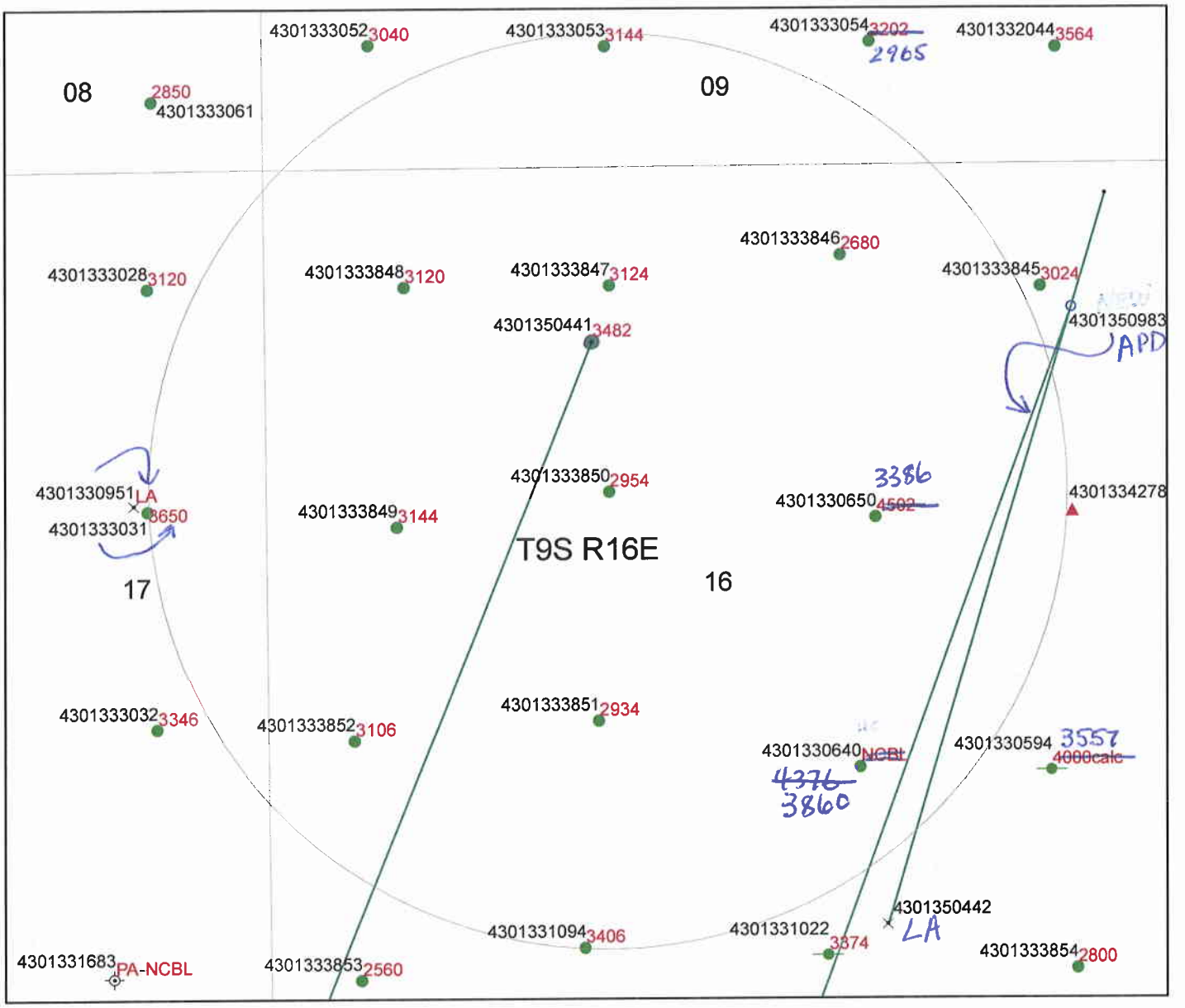
Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

UTAH DNR OIL, GAS & MINING



Cement Bond Tops
STATE 6-16-9-16
API #43-013-33850
UIC-380.2

N

Legend

Buffer_of_SGID93_ENERGY_DNROilGasWells_93

SGID93.ENERGY.DNROilGasWells

GIS_STAT_TYPE

- APD
- DRL
- GIW
- GSW
- LA
- LOC (NEW)
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WDW
- WIW
- WSW

Wells-CbltopsMaster9_28_11

SGID93.ENERGY.DNROilGasWells_HDBottom

SGID93.ENERGY.DNROilGasWells_HDPath

0 0.4 Miles

1870calc = approx cement top calculated from well completion report

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** State 6-16-9-16

Location: 16/9S/16E **API:** 43-013-33850

Ownership Issues: The proposed well is located on State of Utah land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the State of Utah and the BLM. The State of Utah and the Federal Government are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 431 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,823 feet. A cement bond log demonstrates adequate bond in this well up to about 2,954 feet. A 2 7/8 inch tubing with a packer is proposed at 4,043 feet, but it will need to be lowered. A mechanical integrity test will be run on the well prior to injection. On the basis of surface location, there are 12 producing wells in the AOR. One of the producing wells is a horizontal well, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there is a proposed surface location outside the AOR for a horizontal well passing through the AOR to a bottom hole location outside the AOR. All of the existing wells for which cement bond logs are available have evidence of adequate casing and cement for the proposed injection interval except the Castle Peak State 32-16 (API# 43-013-30650). This well's CBL (8/4/1982) demonstrates the TOC at approximately 4,502 feet. A CBL is not available for Castle Peak State 33-16 (API# 43-013-30640), but the approximate calculated cement top, based on cement reported in the well completion report, is at about 4,700 feet. To protect these wellbores Newfield will not perforate the State 11-16-9-16 above a depth of 4,800 feet (see next paragraph).

Revision (07/23/2013): In preparation for cement remediation in the Castle Peak State 33-16 (43-013-30640) well, Newfield had a new CBL run by The Perforators, LLC on 6/27/2013. It was discovered that cement remediation had been done by a previous operator, but the Utah DOGM was apparently not notified, nor was an updated CBL submitted. The new CBL run for Newfield indicates good cement up to a depth of 3860 feet. Also, Newfield completed cement remediation in the Castle Peak 32-16 (43-013-30650) well on 6/24/2013. Subsequently, a new CBL was run by The Perforators, LLC on 6/25/2013. The new CBL indicates variable but adequate cement between at least 3386 and 3634 feet. DOGM accepts 3386 feet as the top of adequate cement. Inasmuch as these wells were the principal obstacles to granting Newfield's requested injection interval (3,956'-5,801') in the State 6-16 well, DOGM is prepared to raise the

permitted injection top to 4,000', which is Newfield's most recently requested injection top, including all existing perforations.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 2400 feet. The requested injection interval is between 3,956 feet and 5,801 feet in the Green River Formation. (See **Revision** above) However, the top of acceptable cement bond is at about 4,502 feet in the Castle Peak State 32-16 well (API # 43-013-30650), located within the AOR, approximately 0.3 mile east-southeast of the State 6-16-9-16 well. Also, the calculated cement top is about 4,700 feet in Castle Peak 33-16 (API# 43-013-30640), located approximately 0.4 mile southeast of State 6-16-9-16. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,800 feet in the State 6-16-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 6-16-9-16 well is 0.90 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,873 psig. The requested maximum pressure is 1,873 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the State of Utah

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 10/26/2011 (rev. 7/23/13)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

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WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	10/10/2011

RECEIVED
OCT 18 2011
DIV. OF OIL, GAS & MINING

22-7S-16

ACCOUNT NAME
DIV OF OIL-GAS & MINING,

TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000732138 /

SCHEDULE
Start 10/08/2011 End 10/08/2011

CUST. REF. NO.
Legal Ad

CAPTION
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RI

SIZE	
61 Lines	2.00 COLUMN

TIMES	RATE
3	

MISC. CHARGES	AD CHARGES

TOTAL COST
157.50

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-380

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 16, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
State 5-16-9-16 well located in SW/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33849
State 6-16-9-16 well located in SE/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33850
State 11-16-9-16 well located in NE/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33851
State 12-16-9-16 well located in NW/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33852

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of October, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
732138 UPAXLP

2210/R15/6131
2250/REGULATION/GF#/6131

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-380 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 10/08/2011 End 10/08/2011

SIGNATURE Buddy Crawford

10/10/2011

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581489
My Commission Expires
January 12, 2014

Virginia Craft

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 11 day of October, 2011, and that the last publication of such notice was in the issue of such newspaper dated the 11 day of October, 2011, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
~~By~~ Publisher

Subscribed and sworn to before me this

17 day of October, 2011

Bonnie Parrish
Notary Public

BONNIE PARRISH
NOTARY PUBLIC-STATE OF UTAH
471 N HILLCREST DR 415-5
ROOSEVELT, UTAH 84066
COMM. EXP. 3-31-2012

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-380

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 16, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER:

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

State 5-16-9-16 well located in SW/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33849

State 6-16-9-16 well located in SE/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33850

State 11-16-9-16 well located in NE/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33851

State 12-16-9-16 well located in NW/4 SW/4, Section 16, Township 9 South, Range 16 East API

this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of October, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Published in the Uintah Basin Standard October 11, 2011.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-380

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The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of October, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

STATE 5-16-9-16, STATE 6-16-9-16,
STATE 11-16-9-16, STATE 12-16-9-16

Cause No. UIC-380

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

SITLA
675 East 500 South
Salt Lake City, UT 84102-2818

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Jean Sweet

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

October 5, 2011

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-380

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

October 5, 2011

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-380

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Jean Sweet
Executive Secretary

Enclosure

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-380

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 10/5/2011 1:26 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-380

On 10/5/2011 12:00 PM, Jean Sweet wrote:

> To whom it may concern:
>
> Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.
>
> Please send proof of publication and billing to:
>
> Division of Oil, Gas and Mining
> PO Box 145801
> Salt Lake City, UT 84114-5801
>
> Sincerely,
>
> Jean Sweet, Executive Secretary
> Utah Div. of Oil, Gas & Mining
> 1594 West Temple, Suite 1210
> Salt Lake City, UT
> 801-538-5329
> jsweet@utah.gov

Received. Thank you. It will be published Oct. 11, 2011.
Cindy

The Salt Lake Tribune WWW.SLTRIB.COM | MEDIAONE OF UTAH A NEWSPAPER AGENCY COMPANY WWW.MEDIAONEUTAH.COM | Deseret News WWW.DESERETNEWS.COM

Remit to: P.O. Box 704005
West Valley City, UT 84170

Order Confirmation for Ad #0000732138-01

Client	DIV OF OIL-GAS & MINING	**Payor Customer**	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	**Payor Phone**	801-538-5340
Account#	9001402352	**Payor Account**	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	**Payor Address**	1594 W NORTH TEMP #1210,P.O. BO) SALT LAKE CITY, UT 84114
Fax	801-359-3940	**Ordered By**	**Acct. Exec**
EMail	earlenerussell@utah.gov	Jean	mfultz

Total Amount	**$157.50**
Payment Amt	**$0.00**
Amount Due	**$157.50**

Tear Sheets	Proofs	Affidavits
0	0	1

Payment Method

PO Number Legal Ad

Confirmation Notes:

Text: Jean

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Product	**Placement**	**Position**
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Scheduled Date(s):	10/08/2011	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	10/08/2011	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-380

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Dated this 5th day of October, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
732138 UPAXLP

NEWFIELD
ROCKY MOUNTAINS

September 2, 2011

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
State #6-16-9-16
Monument Butte Field, Lease #ML-16532
Section 16-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the State #6-16-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg
Regulatory Lead

RECEIVED
SEP 07 2011
DIV. OF OIL, GAS & MINING

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

STATE #6-16-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #ML-16532

SEPTEMBER 2, 2011

RECEIVED
SEP 07 2011
DIV. OF OIL, GAS & MINING

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: State #6-16-9-16
Field or Unit name: Monument Butte (Green River) Lease No. ML-16532
Well Location: QQ SENW section 16 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]
Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-33850

Proposed injection interval: from 3956 to 5801
Proposed maximum injection: rate 500 bpd pressure 1873 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature
Title Regulatory Lead Date 9/1/11
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

State 6-16-9-16

Spud Date: 03-03-08
Put on Production: 05-12-08
GL: 5876' KB: 5888'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts. (321.48')
DEPTH LANDED: 431'
HOLE SIZE: 12-1/4"
CEMENT DATA: 205 sxs Class "G" cmt

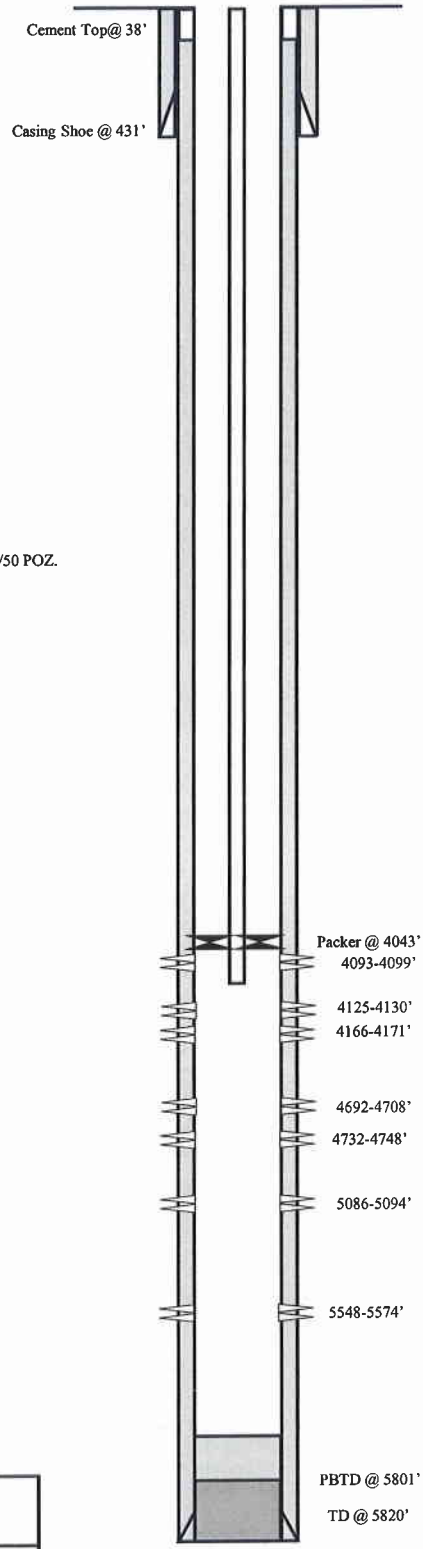
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5809.35')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5822.6'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 38'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 175 jts (5514.2')
TUBING ANCHOR: 5526.2'
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5560.5' KB
NO. OF JOINTS: 2 jts (63.0')
TOTAL STRING LENGTH: EOT @ 5625' w/12' KB

Proposed Injection
Wellbore Diagram



FRAC JOB

4-29-08	5548-5574'	**Frac CP1 sands as follows:** Frac with 125681 #'s of 20/40 sand in 903 bbls of Lightning 17 fluid. Treat at an ave pressure of 1713 psi @ 23.9 BPM. ISIP 2198 psi.
4-29-08	5086-5094'	**Frac A1 sands as follows:** Frac with 60763 #'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Treat at an ave pressure of 2229 psi @ 23.2 BPM. ISIP 2405psi.
4-29-08	4692-4748'	**Frac D3 & D2 sands as follows:** Frac with 133141 #'s of 20/40 sand in 962 bbls of Lightning 17 fluid. Treat at an ave pressure of 2005 psi @ 24.6 BPM. ISIP 2005 psi.
4-29-08	4093-4171'	**Frac GB4 & GB6 sand as follows:** Frac with 43849 #'s 20/40 sand in 426 bbls of Lightning 17 fluid. Treat at an ave pressure of 1908 psi @ 23.2 BPM. ISIP 1900 psi.
7/14/08		pump change. Updated tubing and rod detail.
9/9/08		Pump Change. Updated rod &tubing details.
3/23/10		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

4093-4099'	4 JSPF	24 holes
4125-4130'	4 JSPF	20 holes
4166-4171'	4 JSPF	20 holes
4692-4708'	4 JSPF	64holes
4732-4748'	4 JSPF	64 holes
5086-5094'	4 JSPF	32 holes
5548-5574'	4 JSPF	104 holes

NEWFIELD

State 6-16-9-16
1849' FNL & 1974' FEL
SENW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33850; Lease # Utah State ML-16532

JL 8/9/2011

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the State #6-16-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the State #6-16-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3956' - 5801'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3633' and the TD is at 5820'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the State #6-16-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #ML-16532) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachments A and B.

   2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

   The casing program is 8-5/8", 24# surface casing run to 431' KB, and 5-1/2", 15.5# casing run from surface to 5823' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

   The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

   See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1873 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the State #6-16-9-16, for existing perforations (4093' - 5574') calculates at 0.90 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1873 psig. We may add additional perforations between 3633' and 5820'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the State #6-16-9-16, the proposed injection zone (3956' - 5801') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-11.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

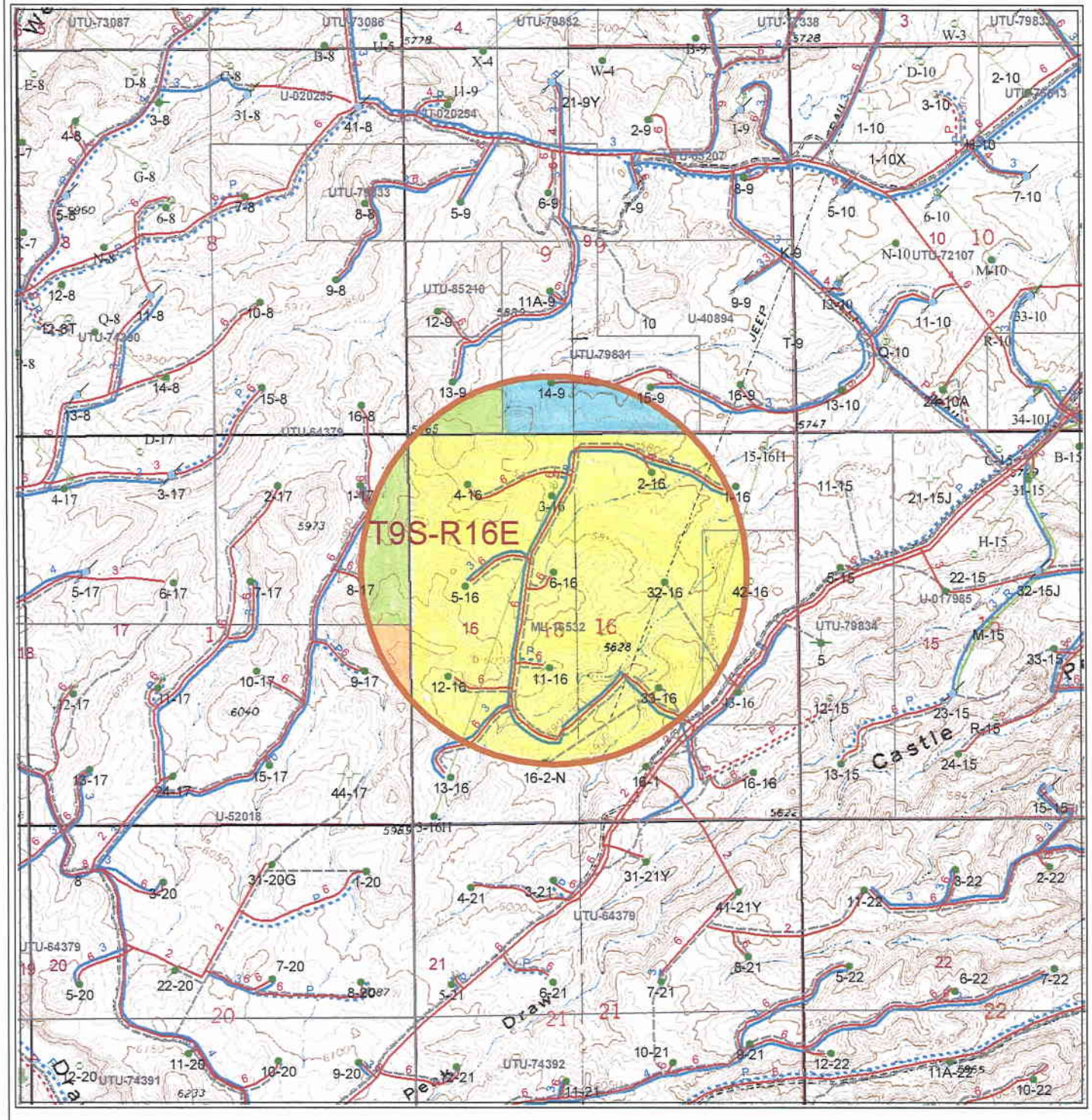
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



Well Status
- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Countyline

Injection system
- high pressure
- low pressure
- proposed
- return
- return proposed
- Leases
- Mining tracts

Gas Pipelines
- Gathering lines
- Proposed lines
- 6_16_9_16_Buffer

MU-16532

UTU-64379

UTU-52018

UTU-79831

State 6-16
Section 16, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

N

1" = 2000'

1/2 Mile Radius Map

Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

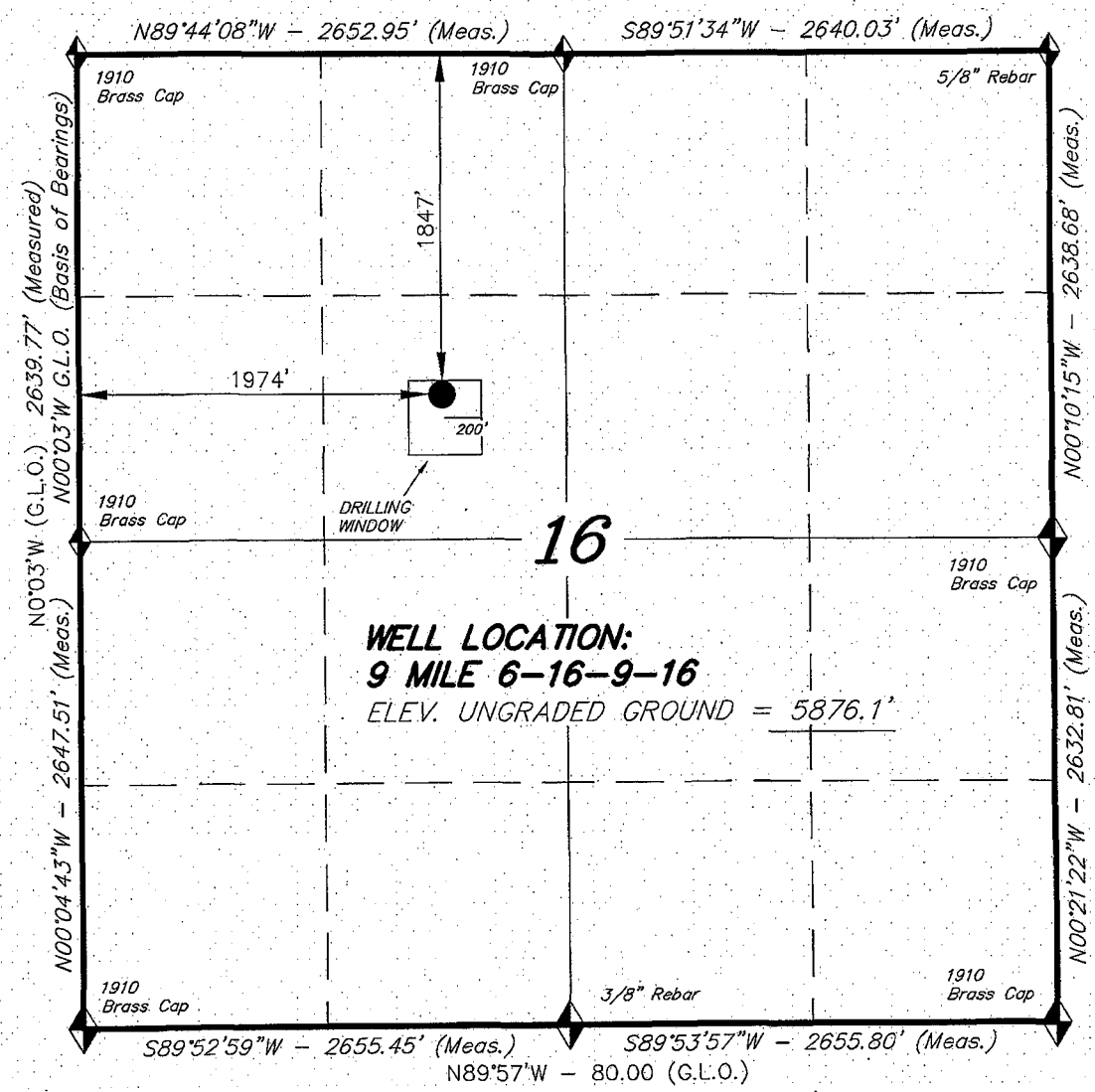
June 28, 2011

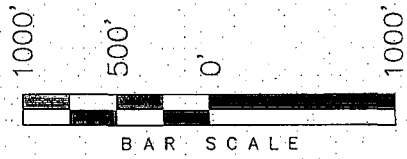
ATTACHMENT A-1

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 6-16-9-16, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 16, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REG. No. 189377
STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 6-16-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 58.88"
LONGITUDE = 110° 07' 36.16"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-10-07	SURVEYED BY: C.M.
DATE DRAWN: 10-31-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 16: ALL	State of Utah ML 16532 HBP	QEP Energy Company El Paso E&P Company, LP American Petroleum Corp Brave River Production Trans Republic Resources Inc El Paso Production Oil & Gas Company Newfield RMI LLC	State of Utah
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, Lots 3,4 Section 19: NE, E2NW, Lots 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA
3	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
State #6-16-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 1st day of September, 2011.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires: My Commission Expires 02/10/2013

CANDICE L. TWITTY NOTARY PUBLIC STATE OF COLORADO

ATTACHMENT E

State 6-16-9-16

Spud Date: 03-03-08
Put on Production: 05-12-08
GL: 5876' KB: 5888'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts. (321.48')
DEPTH LANDED: 431'
HOLE SIZE: 12-1/4"
CEMENT DATA: 205 sxs Class "G" cmt

PRODUCTION CASING

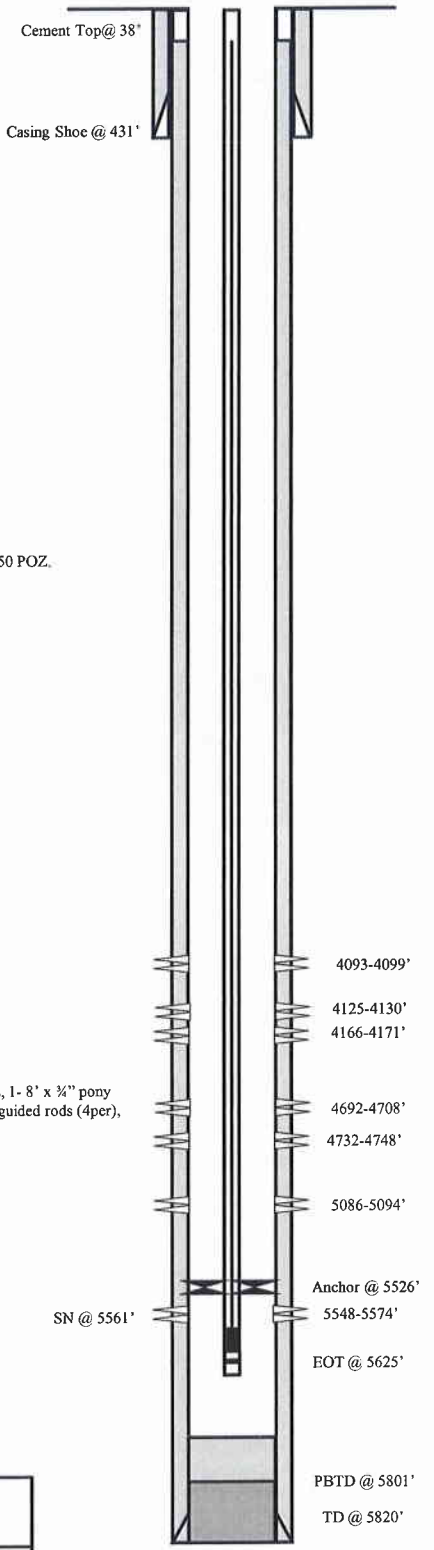
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5809.35')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5822.6'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 38'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 175 jts (5514.2')
TUBING ANCHOR: 5526.2'
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5560.5' KB
NO. OF JOINTS: 2 jts (63.0')
TOTAL STRING LENGTH: EOT @ 5625' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2' x ¾" pony rod, 3- 12' x ¾" pony rods, 1- 8' x ¾" pony rods, 98- ¾" guided rods (4per), 77- ¾" sucker rods, 40- ¾" guided rods (4per), 6- 1 ½" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 16' RHAC pump
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4



FRAC JOB

4-29-08	5548-5574'	**Frac CP1 sands as follows:** Frac with 125681 #'s of 20/40 sand in 903 bbls of Lightning 17 fluid. Treat at an ave pressure of 1713 psi @ 23.9 BPM. ISIP 2198 psi.
4-29-08	5086-5094'	**Frac A1 sands as follows:** Frac with 60763 #'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Treat at an ave pressure of 2229 psi @ 23.2 BPM. ISIP 2405psi.
4-29-08	4692-4748'	**Frac D3 & D2 sands as follows:** Frac with 133141 #'s of 20/40 sand in 962 bbls of Lightning 17 fluid. Treat at an ave pressure of 2005 psi @ 24.6 BPM. ISIP 2005 psi.
4-29-08	4093-4171'	**Frac GB4 & GB6 sand as follows:** Frac with 43849 #'s 20/40 sand in 426 bbls of Lightning 17 fluid. Treat at an ave pressure of 1908 psi @ 23.2 BPM. ISIP 1900 psi.
7/14/08		pump change. Updated tubing and rod detail.
9/9/08		Pump Change. Updated rod &tubing details.
3/23/10		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

4093-4099'	4 JSPF	24 holes
4125-4130'	4 JSPF	20 holes
4166-4171'	4 JSPF	20 holes
4692-4708'	4 JSPF	64holes
4732-4748'	4 JSPF	64 holes
5086-5094'	4 JSPF	32 holes
5548-5574'	4 JSPF	104 holes

NEWFIELD

State 6-16-9-16
1849' FNL & 1974' FEL
SENW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33850; Lease # Utah State ML-16532

ML 5/14/2010

Attachment E-1

State 2-16-9-16

Spud Date: 3/31/08

Put on Production: 5/28/08
GL: 5809' KB: 5821'

SURFACE CASING

CSG SIZE 8-5/8"

GRADE J-55

WEIGHT 24#

LENGTH 7 jts

HOLE SIZE 12-1/4"

CEMENT DATA To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE 5-1/2"

GRADE J-55

WEIGHT 15 5#

LENGTH 146 jts

HOLE SIZE 7-7/8"

DEPTH LANDED 5815 67'

CEMENT DATA 315 sx Prem Lite II & 415 sx 50/50 Poz

CEMENT TOP AT 54'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#

NO OF JOINTS 178 jts (5548 8')

TUBING ANCHOR 5560 8'

NO OF JOINTS 1 jt (31 5')

SEATING NIPPLE 2-7/8" (1 10')

SN LANDED AT 5595 1' KB

NO OF JOINTS 2 jts (62 1')

TOTAL STRING LENGTH EOT @ 5659' kb

SUCKER RODS

POLISHED ROD 1-1/2" x 26' polished rod

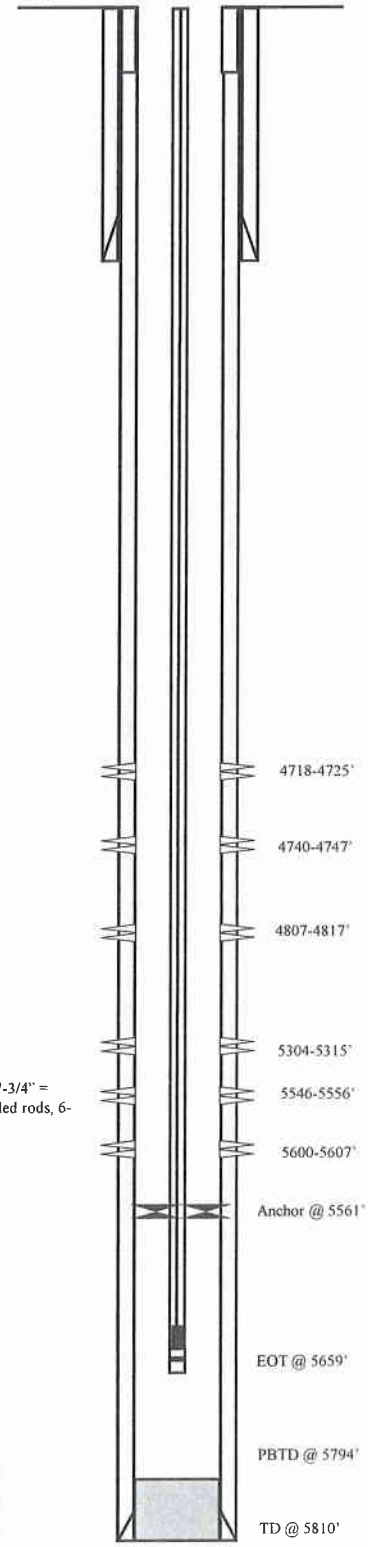
SUCKER RODS 1 x ¾" = 8' pony rods, 2 – 7/8" = 4' pony rods, 97-3/4" = 2425' guided rods, 79-3/4" = 1975' guided rods, 40-3/4"= 1000' guided rods, 6-1 ½" = 150' weight rods, 6 x 1" = 24' stabilizer rods

PUMP SIZE 2-1/2" x 1-1/4" x 16 RHAC

STROKE LENGTH 64"

PUMP SPEED, SPM 5

Wellbore Diagram



FRAC JOB

05-21-08 5546-5556' **Frac CP1 sds as follows:**
15,030# 20/40 sand in 274 bbls of Lightning 17 fluid Treated w/ ave pressure of 1971 psi @ ave rate of 26 4 BPM ISIP 1642 psi Actual Flush 5040 gals

05-21-08 5304-5315' **Frac LODC sds as follows:**
20,640# 20/40 sand in 313 bbls of Lightning 17 fluid Treated w/ ave pressure of 2881 psi @ ave rate of 23 BPM ISIP 2797 psi Actual Flush 4801 gals

05-21-08 4807-4817' **Frac C sds as follows:**
24,830# 20/40 sand in 339 bbls of Lightning 17 fluid Treated w/ ave pressure of 2219 psi @ ave rate of 23 BPM ISIP 2256 psi Actual Flush 4330 gals

05-22-08 4718-4725' **Frac D2 & D3 sds as follows:**
25,834# 20/40 sand in 447 bbls of Lightning 17 fluid Treated w/ ave pressure of 2017 psi @ ave rate of 23 5 BPM ISIP 2000 psi Actual flush 4670 gals

2/18/09 Tubing Leak Updated r & t details

4/7/11 Tubing leak Updated Rod & tubing details

PERFORATION RECORD

4718-4725'	4 JSPF	28 holes
4740-4747'	4 JSPF	28 holes
4807-4817'	4 JSPF	40 holes
5304-5315'	4 JSPF	44 holes
5546-5556'	4 JSPF	40 holes
5600-5607'	4 JSPF	28 holes

NEWFIELD

State 2-16-9-16
497' FNL & 1982' FEL
NW/NE Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33846; Lease #Utah State ML-16532

VC 5/19/2011

ATTACHMENT E-2

State 3-16-9-16

Spud Date: 02-28-08
Put on Production: 05-13-08
GL: 5841' KB: 5853'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 209 sx Class "G" cmt

PRODUCTION CASING

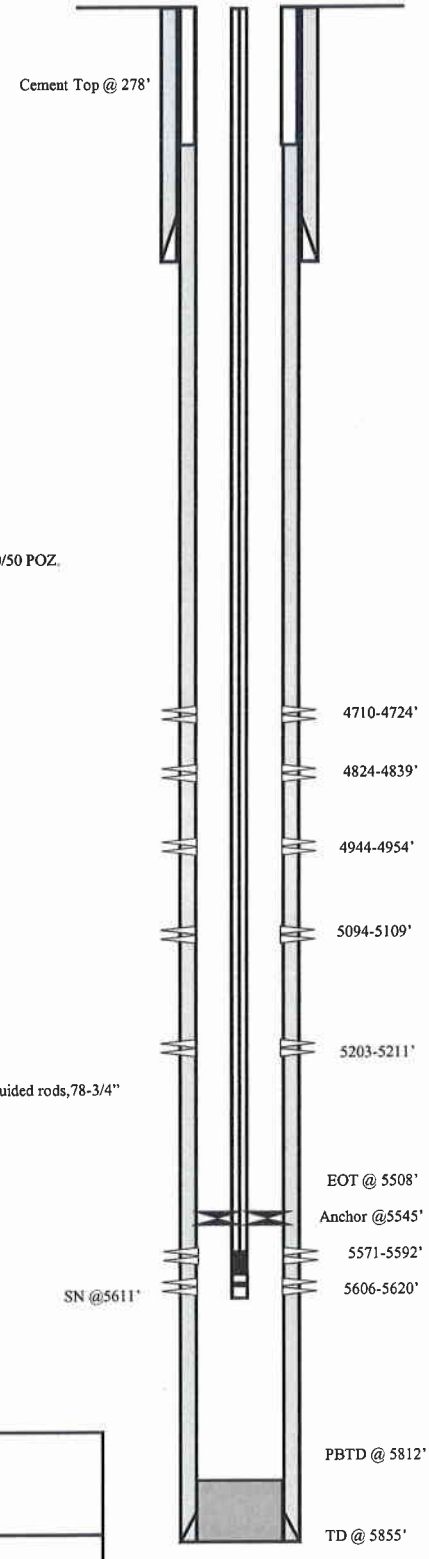
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts
HOLE SIZE: 7-7/8"
TOTAL DEPTH: 5826'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 278'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176 jts (5533.42')
TUBING ANCHOR: 5545.42'
NO. OF JOINTS: 2 jts (62.86')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5611.08' KB
NO. OF JOINTS: 2 jts (62.80')
TOTAL STRING LENGTH: EOT @ 5508.31' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS:1- 2', 3-4', 1-6' x ¾" pony sub, 99- ¾" guided rods,78-3/4" plain rods, 40- ¾" guided rods, 6- 1 ½" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 18' RHAC pump
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5



FRAC JOB

04-22-08 5571-5592' **Frac CP1 sds as follows:** Frac w/144,428# 20/40 sand in 1022 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1764 psi w/ ave rate of 25.2 BPM. ISIP 2006 psi. Actual Flush: 5065 gals.

04-22-08 5203-5211' **Frac LODC sds as follows:** Frac w/24,817# 20/40 sand in 356 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2477 psi w/ ave rate of 23.3 BPM. ISIP 2543. Actual Flush: 4696 gals.

04-22-08 5094-5109' **Frac A1 sds as follows:** Frac w/38,375# 20/40 sand in 420 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.3 BPM. ISIP 2543 psi. Actual Flush: 4586 gals.

04-22-08 4944-4954' **Frac B2 sds as follows:** Frac w/30,349# 20/40 sand in 383 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1804 psi w/ ave rate of 23.3 BPM. ISIP 1842 psi.Actual Flush: 4439 gals.

04-22-08 4824-4839' **Frac C sds as follows:** Frac w/48,027# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2057 psi w/ ave rate of 23.3 BPM. ISIP 2063 psi. Actual Flush: 4318 gals.

04-22-08 4710-4724' **Frac D2 sds as follows:** Frac w/37,944#' 20/40 sand in 423 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2539 psi w/ ave rate of 23.4 BPM. ISIP 2646 psi. Actual Flush: 4624 gals.

PERFORATION RECORD

4710-4724'	4 JSPF	56 holes
4824-4839'	4 JSPF	60 holes
4944-4954'	4 JSPF	40 holes
5094-5109'	4 JSPF	60 holes
5203-5211'	4 JSPF	32 holes
5571-5592'	4 JSPF	84 holes
5606-5620'	4 JSPF	56 holes

NEWFIELD

State 3-16-9-16
660' FNL & 1990' FWL
NE/NW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33847; Lease #Utah State ML-16532

TL 9/24/08

ATTACHMENT E-3

State 4-16-9-16

Spud Date: 4/1/08
Put on Production: 6/3/08

GL: 5881' KB: 5893'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (300.96')
DEPTH LANDED: 312.81' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 158jts 5819.28
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5832.53'
CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz
CEMENT TOP AT: 48'

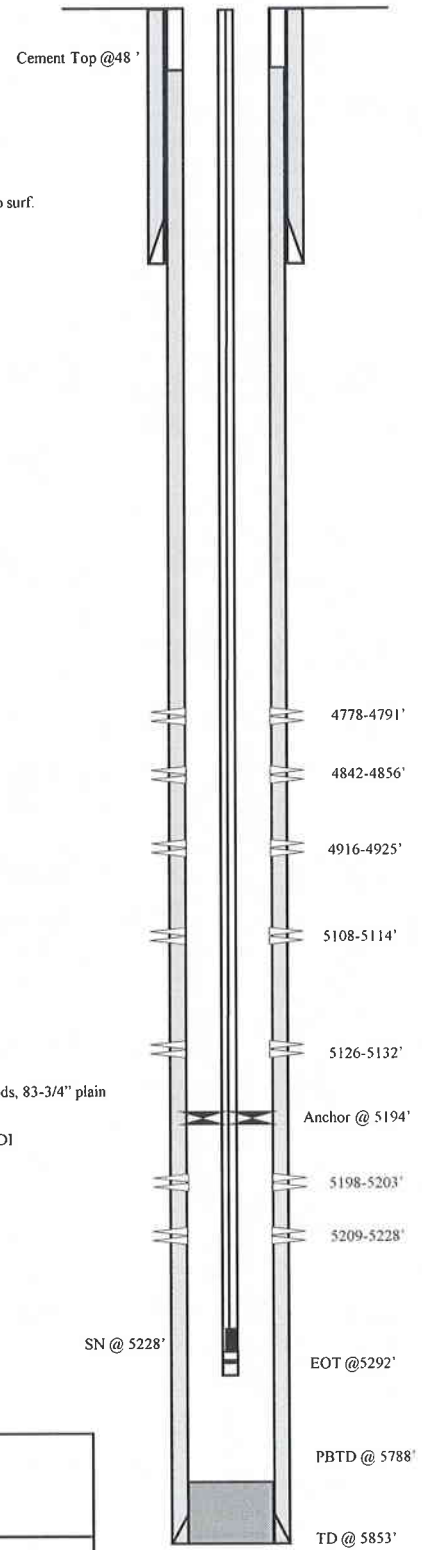
TUBING

SIZE/GRADE/WT.: 2 7/8" /J-55 /6.5#
NO. OF JOINTS: 175 jts 5182.02
TUBING ANCHOR: 5194.02'
NO. OF JOINTS: 1jt (31.52')
SEATING NIPPLE: 2 7/8"
SN LANDED AT: 5228.29'
NO. OF JOINTS: 2jts 62.47
TOTAL STRING LENGTH: EOT@ 5292.31'

SUCKER RODS

POLISHED ROD: 1 ½" x 26' polished rod
SUCKER RODS: 1-2', 8' x ¾" pony subs, 99-3/4" guided rods, 83-3/4" plain rods, 20-3/4" guided rods, 6-1 ½" weight bars
PUMP SIZE: 2 ½" x 1 ½" x 12' x 15 ½' RHAC rod pump CDI
STROKE LENGTH: 58
PUMP SPEED, SPM: 5

Wellbore Diagram



FRAC JOB

05-28-08 5209-5228' Frac LODC sds as follows:
200,061# 20/40 sand in 1373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1997 psi w/ ave rate of 27.3 BPM. ISIP 2322 psi. Actual Flush: 4683 gals.

05-28-08 5108-5114' Frac A1 & A3 sds as follows:
120,424# 20/40 sand in 868 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1922 psi w/ ave rate of 27.0 BPM. ISIP 2220 psi. Actual Flush: 4616 gals.

05-28-08 4916-4925' Frac B1 sds as follows:
54,952# 20/40 sand in 495 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1767 psi w/ ave rate of 23.4 BPM. ISIP 1705 psi. Actual Flush: 4406 gals.

05-28-08 4842-4856' Frac C sds as follows:
115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4330 gals.

05-28-08 4778-4791' Frac D3 sds as follows:
115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4679 gals.

3/28/09	Pump Change. Updated r & t details.
6/5/09	Pump Change. Updated rod & tubing details.

PERFORATION RECORD

4778-4791'	4 JSPF	52 holes
4842-4856'	4 JSPF	56 holes
4916-4925'	4 JSPF	36 holes
5108-5114'	4 JSPF	24 holes
5126-5132'	4 JSPF	24 holes
5198-5203'	4 JSPF	20 holes
5209-5228'	4 JSPF	76 holes

NEWFIELD

State 4-16-9-16
660' FNL & 815' FWL
NW/NW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33848; Lease #Utah State ML-16532

DF 8/20/09

ATTACHMENT E-4

State 5-16-9-16

Spud Date: 04-07-08
Put on Production: 05-14-08
GL: 5922' KB: 5934'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-7/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.48')
DEPTH LANDED: 324'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

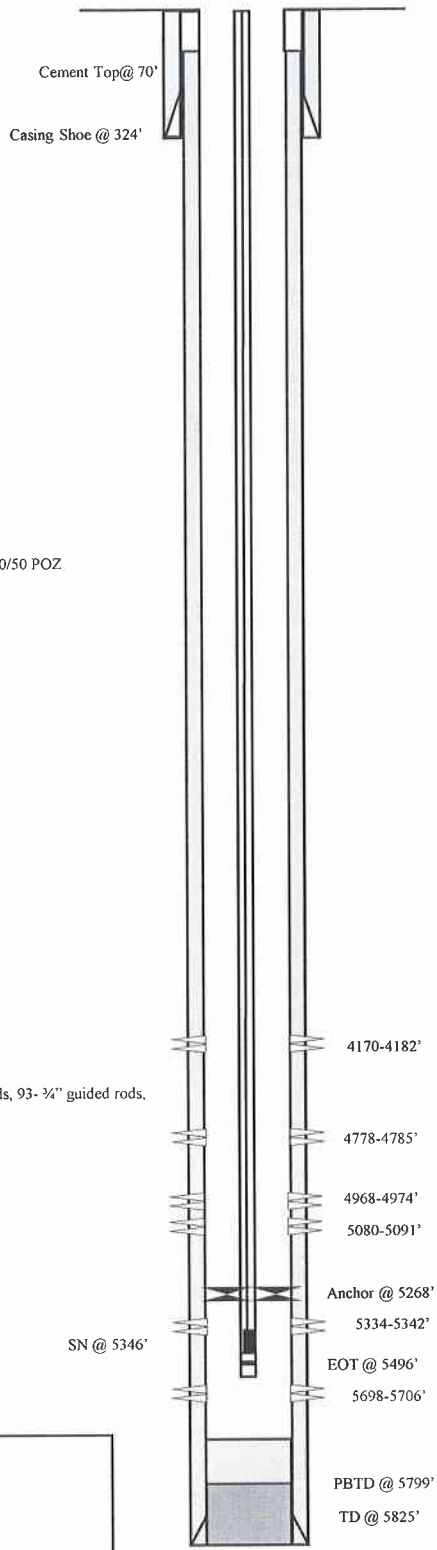
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139jts. (5807.48')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5825'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 168 jts (5268.1')
TUBING ANCHOR: 5268.1'
NO. OF JOINTS: 2 jts (62.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5345.51' KB
NO. OF JOINTS: 5 jts (155.2')
TOTAL STRING LENGTH: EOT @ 5496'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 2- 4' x ¾" pony rods, 94- ¾" guided rods, 93- ¾" guided rods, 20- ¾" guided rods, 6- 1 ½" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 18' RHAC
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5



FRAC JOB

05-07-08	5698-5706'	**Frac CP3 sands as follows:** Frac with 34586 #'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Treat at an ave pressure of 1941 psi @ 23.2 BPM. ISIP 2046 psi.
05-07-08	5334-5342'	**Frac LODC sands as follows:** Frac with 24721 #'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Treat at an ave pressure of 2425 psi @ 23.2 BPM. ISIP 2165 psi.
05-07-08	5080-5091'	**Frac A.5 sands as follows:** Frac with 84098 #'s of 20/40 sand in 666 bbls of Lightning 17 fluid. Treat at an ave pressure of 2065 psi @ 23.2 BPM. ISIP 2582 psi.
05-07-08	4968-4974'	**Frac B2 sand as follows:** Frac with 24764 #'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Treat at an ave pressure of 3365 psi @ 23.3 BPM. ISIP 2959 psi.
05-07-08	4778-4785'	**Frac D2 sands as follows:** Frac with 24664 #'s of 20/40 sand in 341 bbls Lightning of 17 fluid. Treat at an ave pressure of 1975 psi @ 23.3 BPM. ISIP 2279 psi.
05-07-08	4170-4182'	**Frac GB4 sands as follows:** Frac with 59402 #'s of 20/40 sand in 511 bbls of Lightning 17 fluid. Treat at an ave pressure of 1805 psi @ 23.3 BPM. ISIP 1929 psi.
12-18-09		**Pump Change.** Update rod and tubing detail

PERFORATION RECORD

4170-4182'	4 JSPF	48 holes
4778-4785'	4 JSPF	28 holes
4968-4974'	4 JSPF	24 holes
5080-5091'	4 JSPF	44 holes
5334-5342'	4 JSPF	32 holes
5698-5706'	4 JSPF	32 holes

NEWFIELD

State 5-16-9-16
2043' FNL & 758' FWL
SWNW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33849; Lease #Utah State ML-16532

ML 1-12-10

ATTACHMENT E-5

State 11-16-9-16

Spud Date: 07-16-08
Put on Production: 08-27-08
GL: 5907' KB: 5919'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts. (403.45')
DEPTH LANDED: 413.45'
HOLE SIZE: 12-1/4"
CEMENT DATA: 218 sxs Class "G" cmt

PRODUCTION CASING

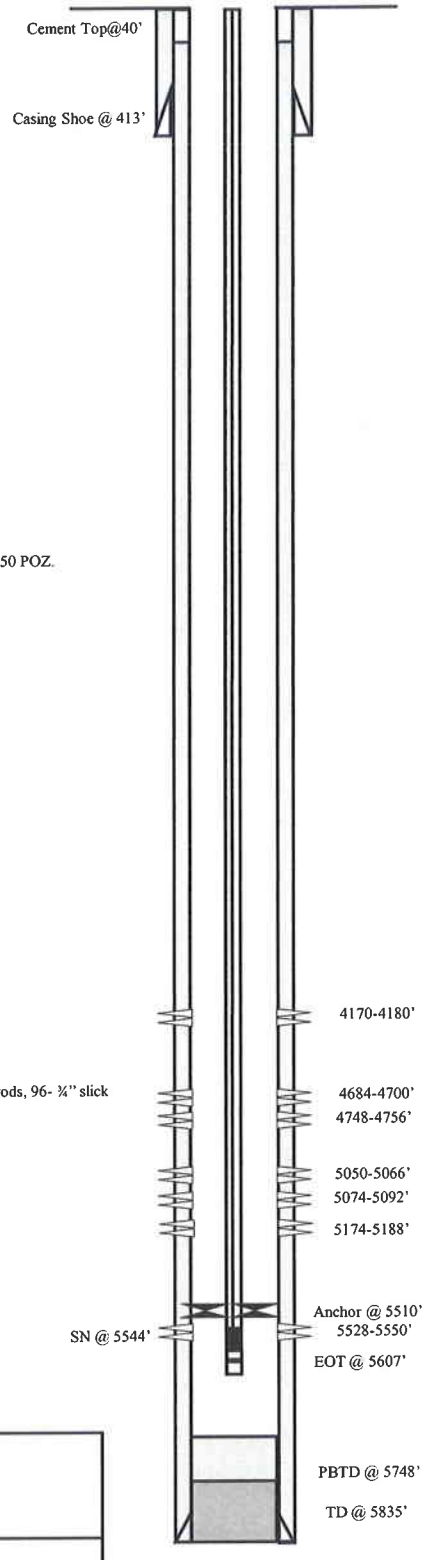
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5809.54')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5822.14'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 179 jts (5498.10')
TUBING ANCHOR: 5510.10'
NO. OF JOINTS: 1 jts (31.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5543.77' KB
NO. OF JOINTS: 2 jts (61.22')
TOTAL STRING LENGTH: EOT @ 5606.54' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2', 4' x ¾" pony subs, 110- ¾" guided rods, 96- ¾" slick rods, 20- ¾" guided rods, 6- 1 ½" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 18' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4.75



FRAC JOB

08-18-08	5528-5550'	**Frac CP1 sands as follows:** Frac with 85230 #'s of 20/40 sand in 662 bbls of Lightning 17 fluid. Treat at an ave pressure of 1430 psi @ 23.3 BPM. ISIP 1935 psi.
08-18-08	5174-5188'	**Frac LODC sands as follows:** Frac with 35330 #'s of 20/40 sand in 371 bbls of Lightning 17 fluid. Treat at an ave pressure of 3100 psi @ 20.1 BPM. ISIP 4026 psi.
08-18-08	5050-5092'	**Frac A1 sands as follows:** Frac with 84924 #'s of 20/40 sand in 701 bbls Lightning 17 fluid. Treat at an ave pressure of 1705 psi @ 23.2 BPM. ISIP 2112 psi.
08-18-08	4684-4756'	**Frac D2 & D3 sands as follows:** Frac with 50386 #'s of 20/40 sand in 440 bbls of Lightning 17 fluid. Treat at an ave pressure of 1826 psi @ 23.1 BPM. ISIP 2101 psi.
08-18-08	4170-4180'	**Frac GB6 sands as follows:** Frac with 39122 #'s of 20/40 sand in 370 bbls of Lightning 17 fluid. Treat at an ave pressure of 1873 psi @ 23.1 BPM. ISIP 1993 psi.
9/10/08		Pump Change. Updated rod &tubing details.

PERFORATION RECORD

4170-4180'	4 JSPF	40 holes
4684-4700'	4 JSPF	64 holes
4748-4756'	4 JSPF	32 holes
5050-5066'	4 JSPF	64 holes
5074-5092'	4 JSPF	72 holes
5174-5188'	4 JSPF	56 holes
5528-5550'	4 JSPF	88 holes

NEWFIELD

State 11-16-9-16
2129' FSL & 1899' FWL
NESW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33851; Lease # ML-16532

DF 11/7/08

ATTACHMENT E-6

State 12-16-9-16

Spud Date: 04-17-08
Put on Production: 06-10-08
GL: 5950' KB: 5962'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (313.7')
DEPTH LANDED: 323'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

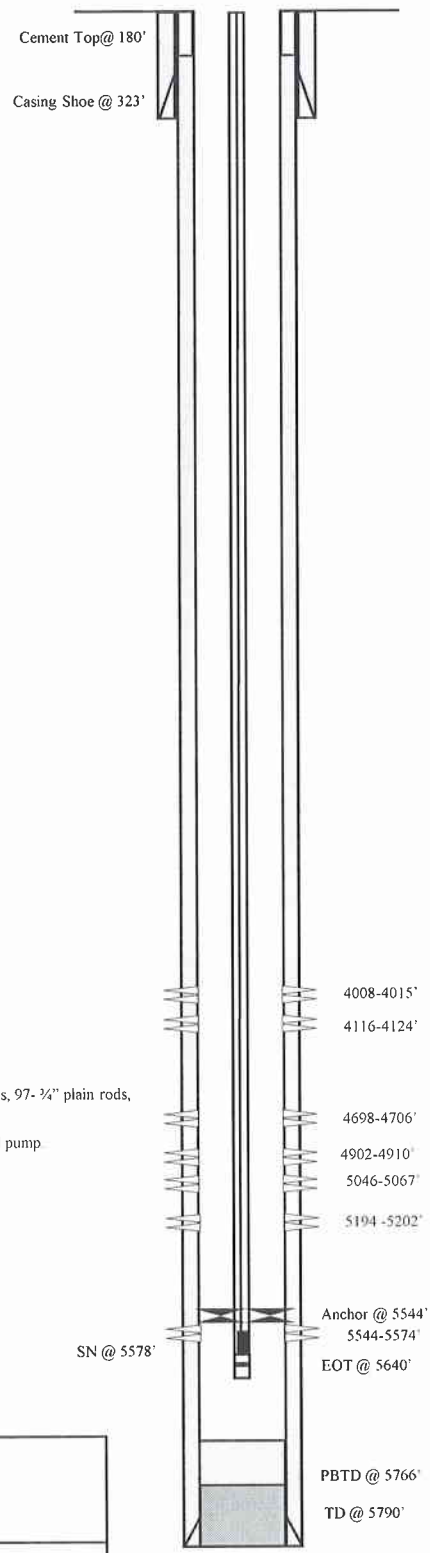
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141jts
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5787.23'
CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz
CEMENT TOP AT: 180'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 180jts
TUBING ANCHOR: 2.80 @5543.59'kb
NO. OF JOINTS: 1jt
SEATING NIPPLE: 1.10'
SN LANDED AT: 5578.11'
NO. OF JOINTS: 2jts (61.90')
TOTAL STRING LENGTH: EOT @ 5640.46'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1- 2' x ¾" pony sub, 100- ¾" guided rods, 97- ¾" plain rods, 20- ¾" guided rods, 6- 1 ½" weight rods
PUMP SIZE: 1-1/2" x 2-1/2" x 16' x 18' RHAC pump rod pump
STROKE LENGTH: 86
PUMP SPEED, SPM: 5



FRAC JOB

06-02-08 5544-5574' Frac CP1 sds as follows:
129,858# 20/40 sand in 990 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1557 psi w/ ave rate of 25.7 BPM. ISIP 1756 psi. Actual Flush: 4956 gals.

06-02-08 5194-5202' Frac LODC sds as follows:
40,109# 20/40 sand in 426 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2182 psi w/ ave rate of 26.5 BPM. ISIP 2297 psi. Actual Flush: 4687 gals.

06-02-08 5046-5067' Frac A1 sds as follows:
140,344# 20/40 sand in 1049 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1990 psi w/ ave rate of 28.3 BPM. ISIP 2225 psi. Actual Flush: 4540 gals.

06-02-08 4902-4910' Frac B2 sds as follows:
48,476# 20/40 sand in 464 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1990 psi w/ ave rate of 26.2 BPM. ISIP 2071 psi. Actual Flush: 4456 gals.

06-02-08 4698-4706' Frac D2 sds as follows:
55,518# 20/40 sand in 489 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2128 psi w/ ave rate of 26.2 BPM. ISIP 2145 psi. Actual Flush: 4183 gals.

06-02-08 4116-4124' Frac GB4 sds as follows:
22,357# 20/40 sand in 326 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2230 psi w/ ave rate of 24.0 BPM. ISIP 1880 psi. Actual Flush: 3675 gals.

06-02-08 4008-4015' Frac GB2 sds as follows:
17,193# 20/40 sand in 264 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1778 psi w/ ave rate of 24.3 BPM. ISIP 1632 psi. Actual Flush: 3931 gals.

PERFORATION RECORD

4008-4015'	4 JSPF	28 holes
4116-4124'	4 JSPF	32 holes
4698-4706'	4 JSPF	32 holes
4902-4910'	4 JSPF	32 holes
5046-5067'	4 JSPF	84 holes
5194-5202'	4 JSPF	32 holes
5544-5574'	4 JSPF	120 holes

NEWFIELD

State 12-16-9-16
2034' FSL & 504' FWL
NW/SW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33852; Lease #Utah State ML-16532

ATTACHMENT E-7

State 16-2N

Spud Date: 10-4-85
Put on Production: 11-15-85

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 254'
DEPTH LANDED: 276'
HOLE SIZE: 12-1/4"
CEMENT DATA: 185 sxs

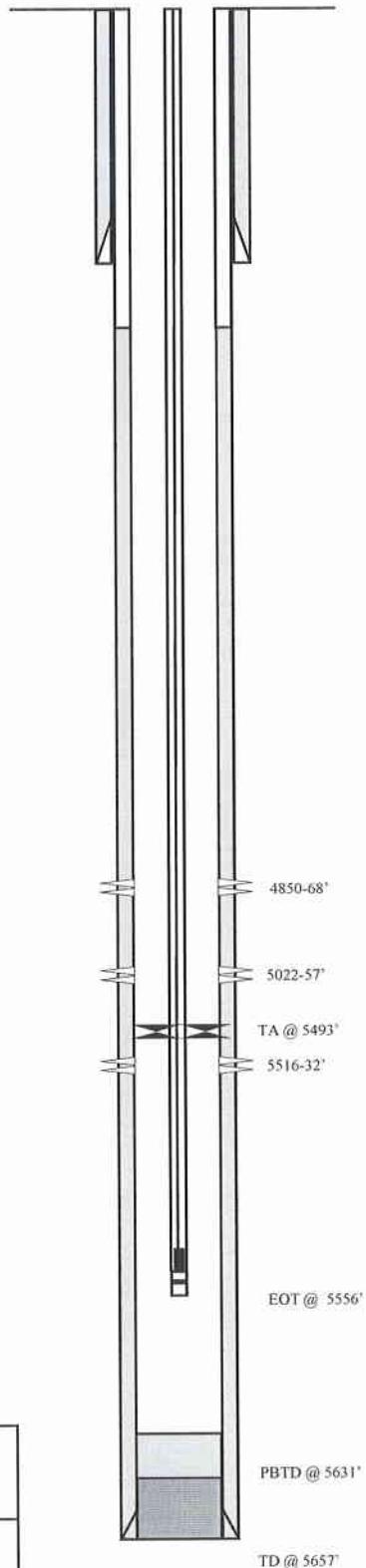
PRODUCTION CASING

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8-5/8	24#	254'	12-1/4"	185 sxs "G" 3% CaCl
5-1/2	15.5#	5631'	7-7/8"	20 bbl mud flush, 200 sxs
				"HL-fill" & 400 sxs "G" +
				2% CaCl

FRAC JOB

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5516-32'	60,000# 16/30 sand, 40# gel
5022-57'	60,000# 20/40 sand, 40# gel
4850-68'	45,000# 20/40 sand

2/20/09 Tubing leak. Updated rod & tubing details.



Tubing detail
159 jts 2 3/8 J-55 tbg (5475.9')
TA 2.80 (5,493')
1 jts (30.3')
SN 2 3/8 @ 1.10 (5524')
1 jts. (31.3')
1 NC 2 3/8 @ 0.4'
EOT @ 5556'

Rod detail
1 ¼ x 22' polished rod
1-4' ¾ pony, 1-6' ¾ pony, 1-8' ¾ pony
103- ¾ guided,
71-3/4 plain rods, 39-3/4 guided rods,
6- 1 ½ wt bars
2 x 1 ½ x 12' x 16' RWAC CDI pump
74" SL
4 SPM

PERFORATION RECORD

5516,18,20,22,24,26,28,30,32 - 9 Holes
5022,26,30,32,45,53,55,57 - 8 holes
4850,52,54,64,66,68 - 6 Holes

2 SPF - .38"

NEWFIELD

State 16-2N
1836' FWL & 801' FSL
SE/SW Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-31094; Lease #ML-16532

MHB 7/5/11

ATTACHMENT E-8

CP State 32-16

Spud Date: 3-25-82
Put on Production: 8-26-82

Wellbore Diagram

SURFACE CASING

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8-5/8"	24#	255'	12-1/4"	200 sx Class 'G'
5-1/2"	15.5#	5650'	7-7/8"	260 sx 50-50 Poz

Casing Shoe @ 255'

FRAC JOB

5504-5512' and 5526-5554' - Acidized with 2000 gal. 15% HCl with 1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced with 42,000 gal. VER-1400 gelled water with 62,500# 20/40 sand & 10,000# 10/20 sand.

5000-5010' and 4732-4738' - Fraced with 25,000 gal. VER-1400 gelled water with 28,000# of 20/40 sand & 10,000# of 10/20 sand.

4732'-5512'

TUBING

Size: 2 7/8"
Total String Length: EOT 5584'

PERFORATION RECORD

5504-5512' - 2 SPF, 23 gram, 4" gun

5526-5554' - 2 SPF, 23 gram, 4" gun

5000-5010' - 2 SPF, 23 gram, 4" gun

4732-4738' - 2 SPF, 23 gram, 4" gun

EOT @ 5584'

PBTD @ 5620'

TD @ 5650'

NEWFIELD

CP State 32-16
2009' FNL & 1838' FEL
SW/NE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30650; Lease #ML-16532

ATTACHMENT E-9

CP State 33-16

Spud Date:
Put on Production: 5/27/1982
GL: 5856' KB: 5892'

Wellbore Diagram

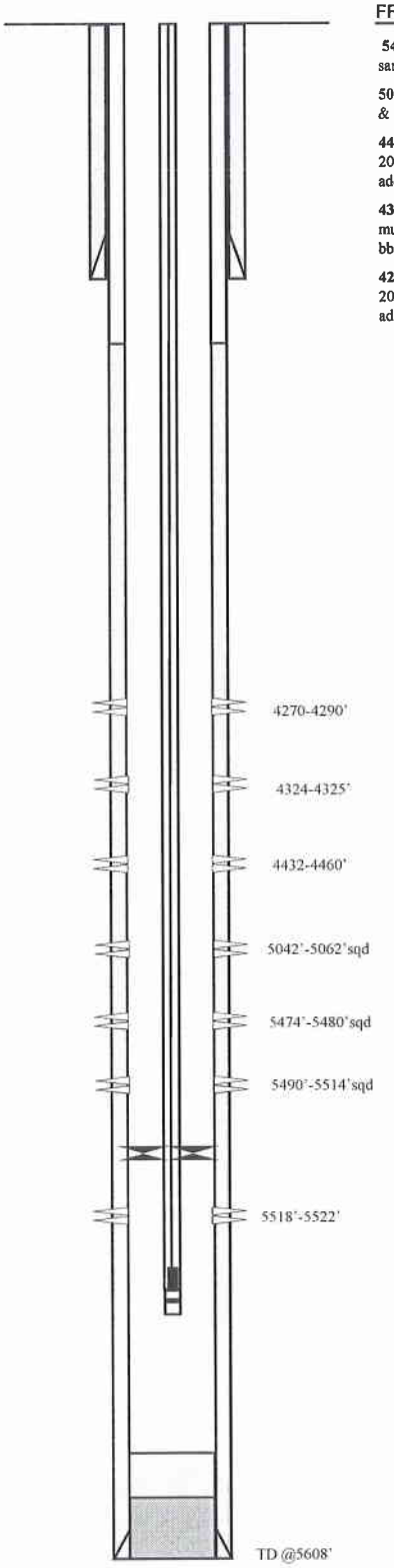
Initial Production:

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: 36# K-55
WEIGHT:
LENGTH: 250'
DEPTH LANDED: 250'
HOLE SIZE:
CEMENT DATA:

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 5600'
HOLE SIZE:
CEMENT DATA: .CEMENT TO SURFACE VOL. TO COVER ABOVE DOUGLAS CREEK MBR.
CEMENT TOP AT:



FRAC JOB

5474-5522' 54,300 gal. Versagel 1400 with 62,500# 20-40 sand & 10,000# 10-20 sand.

5042-5062' 32,000 gal. Ver 1400 with 38,000# 20-40 sand & 10,000# 10-20 sand.

4432-4460' Frac with 38,000 gal. Ver 1400 with 50,000# 20-40 sand & 10,000# 10-20 sand. Squeeze with 150 sx Class 'H' + additives.

4324-4325' Squeeze with 30 bbl 2% KCL water, 10 bbl mud flush. Mix & pump 100 sx 50-50 Poz + additives. Displace with 261/2 bbl 2% KCL water.

4270-4290' Frac with 32,000 gal. Ver 1400 with 38,000# 20-40 sand & 19,000# 10-20 sand. Squeeze with 150 sx Class 'H' cement + additives.

PERFORATION RECORD

5474-5480'	2 SPF	
5490-5514'	2 SPF	
5518-5522'	2 SPF	
5042-5062'	2 SPF	
4432-4460'	2 SPF	
4324-4325'	2 SPF	4 holes
4270-4290'	2 SPF	

NEWFIELD

CP State 33-16
1838 FSL – 1925 FEL
NW/SE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30640; Lease #ML-16532

ATTACHMENT E-10

FEDERAL 14-9-9-16

Spud Date: 03/20/07
Put on Production: 05/15/07

GL: 5814' KB: 5826'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.95')
DEPTH LANDED: 321.85' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

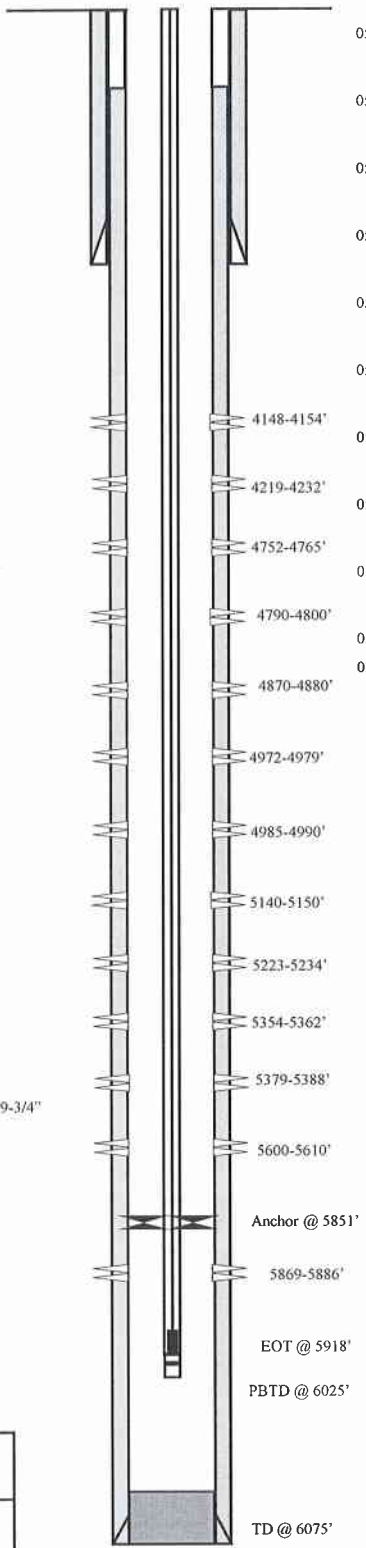
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6057.19')
DEPTH LANDED: 6070.44' KB
HOLE SIZE. 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 103'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185 jts (5851')
TUBING ANCHOR: 5851' KB
NO. OF JOINTS: 1 jts (31.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5885' KB
NO. OF JOINTS: 1 jts (31.60')
TOTAL STRING LENGTH: EOT @ 5918' 12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4' x ¾" pony rod, 99- 3/4" (4 per) guided rods, 119-3/4" sucker rods, 10-3/4" (4 per) guided rods, 6- 1 ½ sinker bars.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x16'RHAC
STROKE LENGTH: ?
PUMP SPEED, ? SPM:



FRAC JOB

05/07/07	5869-5886'	**Frac CP4 sands as follows:** 58920# 20/40 sand in 518 bbls Lightning 17 frac fluid.
05/07/07	5600-5610'	**Frac CP1 sands as follows:** 24630# 20/40 sand in 362 bbls Lightning 17 frac fluid.
05/08/07	5354-5388'	**Frac LODC sands as follows:** 59848# 20/40 sand in 500 bbls Lightning 17 frac fluid.
05/08/07	5223-5234'	**Frac A3 sands as follows:** 29710# 20/40 sand in 343 bbls Lightning 17 frac fluid.
05/08/07	5140-5150'	**Frac A1 sands as follows:** 45023# 20/40 sand in 417 bbls Lightning 17 frac fluid.
05/08/07	4985-4990'	**Frac B2 sands as follows:** 49798# 20/40 sand in 438 bbls Lightning 17 frac fluid.
05/08/07	4870-4979	**Frac C sands as follows:** 19413# 20/40 sand in 293 bbls Lightning 17 frac fluid.
05/08/07	4752-4800	**Frac D3 & D2 sands as follows:** 90249# 20/40 sand in 1959 bbls Lightning 17 frac fluid.
05/08/07	4148-4232	**Frac GB6 & GB4 sands as follows:** 40824# 20/40 sand in 382 bbls Lightning 17 frac fluid.
05/23/08		updated rod and tubing detail
03/12/11		Parted Rods. Rod & tubing details updated

PERFORATION RECORD

04/18/07	5869-5886'	4 JSPF	68 holes
05/07/07	5600-5610'	4 JSPF	40holes
05/07/07	5379-5388'	4 JSPF	36 holes
05/08/07	5354-5362'	4 JSPF	32 holes
05/08/07	5223-5234'	4 JSPF	44 holes
05/08/07	5140-5150'	4 JSPF	40 holes
05/08/07	4985-4990'	4 JSPF	20 holes
0508//07	4972-4979'	4 JSPF	28 holes
05/08/07	4870-4880'	4 JSPF	40 holes
0508//07	4790-4800'	4 JSPF	40 holes
05/08/07	4752-4765'	4 JSPF	52 holes
0508//07	4219-4232'	4 JSPF	52 holes
0508//07	4148-4154'	4 JSPF	24 holes

NEWFIELD

FEDERAL 14-9-9-16

718'FSL & 1976' FWL

SE/SW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33053; Lease # UTU-79831

TW 08/08/11

ATTACHMENT E-11

Federal 8-17-9-16

Spud Date: 09/12/06
Put on Production: 11/09/06

K.B.: 5918, G.L.: 5906

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.03')
DEPTH LANDED: 323.45' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

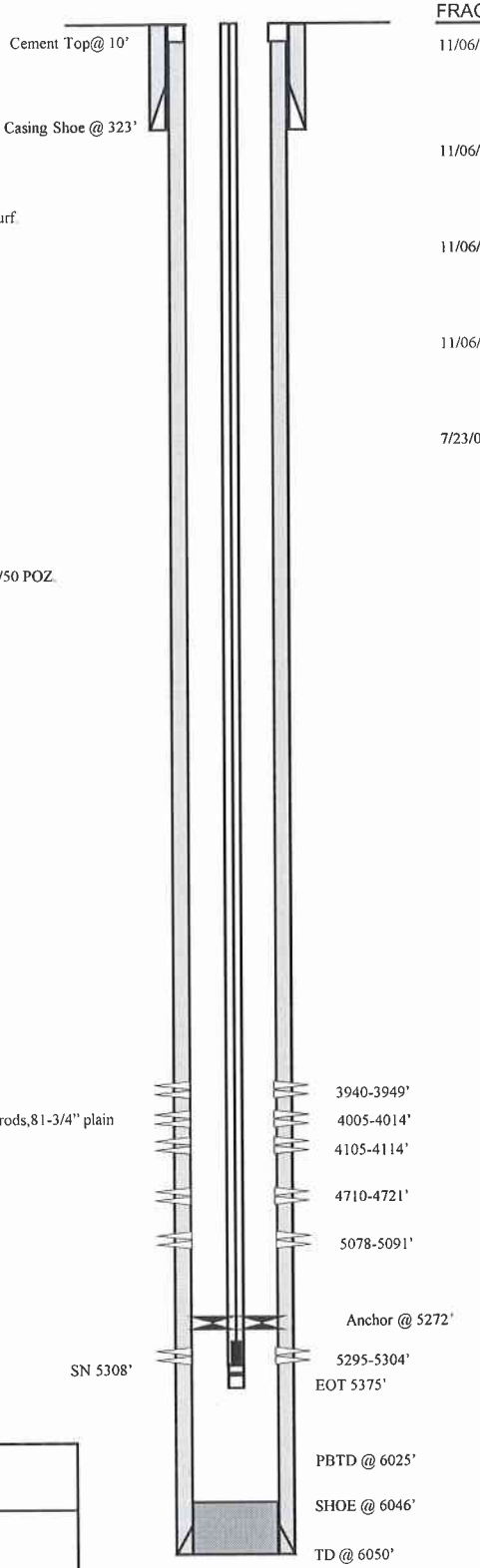
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6032.95')
DEPTH LANDED: 6046.20' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 10'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 164 jts (5260.26')
TUBING ANCHOR: 5272.26' KB
NO. OF JOINTS: 1 jts (32.50')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5307.56' KB
NO. OF JOINTS: 2 jts (66.03')
TOTAL STRING LENGTH: EOT @ 5375.14' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8', 2-4' x 3/4" pony rod, 92-3/4"guided rods,81-3/4" plain rods, 30-3/4" scrapered rods, 6-1 ½" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger
STROKE LENGTH: 84"
PUMP SPEED, 5 SPM:



FRAC JOB

11/06/06	5295-5304'	**Frac LODC sands as follows:** 30252# 20/40 sand in 392 bbls Lightning 17 frac fluid. Treated @ avg press of 3045 psi w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc flush: 5302 gal. Actual flush: 4767 gal.
11/06/06	4710-4721'	**Frac C sands as follows:** 41525# 20/40 sand in 417bbls Lightning 17 frac fluid. Treated @ avg press of 1996 psi w/avg rate of 25.1BPM. ISIP 1960 psi. Calc flush: 4719 gal. Actual flush 4204 gal.
11/06/06	4105-4114'	**Frac GB4 sands as follows:** 21385# 20/40 sand in 280 bbls Lightning 17 frac fluid. Treated @ avg press of 1809 psi w/avg rate of 25.8 BPM. ISIP 1610 psi. Calc flush: 4112 gal. Actual flush: 3637 gal.
11/06/06	3940-4014'	**Frac GB2 sands as follows:** 68288# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1782 psi w/avg rate of 25.3 BPM. ISIP 1505 psi. Calc flush: 4012 gal. Actual flush:3822 gal.
7/23/08		HIT. Rod & tubing updated.

PERFORATION RECORD

10/25/06	5295-5304'	4 JSPF	36 holes
11/06/06	5078-5091'	4 JSPF	52 holes
11/06/06	4710-4721'	4 JSPF	44 holes
11/06/06	4105-4114'	4 JSPF	36 holes
11/06/06	3940-3949'	4 JSPF	36 holes

NEWFIELD

Federal 8-17-9-16

1944' FNL & 675' FEL

SE/NE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33031; Lease #UTU-64379

TL 9/23/08

ATTACHMENT E

GMB 3-16-9-16H Wellbore Diagram

NEWFIELD ROCKY MOUNTAINS

Surface Location: NE/NW, Sec 16, T9S R16E
County/State: Greater Monument Butte, Duchesne County, Utah
Elevation: 5847' GL + 12' KB API: 43-013-50441

Wellhead

8-5/8" Casing Shoe 1,025

Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bbl/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	1,025							Surface
Production	5-1/2"	17#	M-80	LTC	0	5,993	7,740	7,020	4.892	4.767	0.0233	7-7/8"	Port Collar: 5,654'md to Surface
Production	4-1/2"	11.6#	P-110	LTC	5,993 TVD	10,249 6,011	7,774	8,510	4.000	3.875	0.0155	6-1/8"	

burst & collapse values are book, no additional safety factors have been applied

Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints

TBG DETAIL:
sand drain valve, 3 jts 2 7/8" tbg., Cavins De-sander, 2 7/8" sub, 1 jt 2 7/8" tbg., SN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 187 jts 2 7/8" tbg and tbg hanger.
TA @5,870'. SN @ 5,903' . EOT @ 6,052'
NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs–4.625" OD)

WELLBORE FLUIDS
Lateral section fluid= +-8.4 ppg "clean" brine

Rod Detail	Size	Grade	Count	Length	Top	Bottom

Pump and Rod Detail:
Weatherford MacGyver 1 3/4" x 28' rod pump, stabalizer sub, on/off tool, stabalizer sub, SE 4 Co-rod, 1- 8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 26' polished rod

NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.

WFD port Collar 5,355

KOP 5,400

OH Anchor/Packer 5,451

OH Anchor/Packer 5,372

5.5"x4.5X XO 5,993

Proposed Frac Data	Top	Bottom	Packers Plus 12 Stage StackFrac HD Stimulation Liner	Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbls)
Toe Section	10,249	10,249	Packers Plus 4-1/2" Toe Circulating Sub w/1.000" Seat for 1.250" SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD			
Stage 1	10,087	10,249	Dual Hydraulic Frac Port: Depth 10,150 / Ball OD (in.) NA / Seat ID (in.) NA / Vol. to Seat (bbl 264.33 / Actual Vol. (bbl) NA / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	0 0	1,903
OH Anchor/Packer	10,080	10,087	Packer Plus 7" x 4-1/2" RockSeal IIS 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Mechanical Packer 1	10,002	10,007	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 2	9,682	10,002	FracPort 2: Depth 9,841 / Ball OD (in.) 2.125 / Seat ID (in.) 2.000 / Vol. to Seat (bbl 199.39 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	34,144 30,760	2,342
Mechanical Packer 2	9,677	9,682	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 3	9,914	9,677	FracPort 3: Depth 9,517 / Ball OD (in.) 2.250 / Seat ID (in.) 2.125 / Vol. to Seat (bbl 194.37 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	36,389 18,835	2,775
Mechanical Packer 3	9,354	9,359	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 4	9,035	9,354	FracPort 4: Depth 9,193 / Ball OD (in.) 2.375 / Seat ID (in.) 2.250 / Vol. to Seat (bbl 189.36 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	7,548 0	2,716
Mechanical Packer 4	9,030	9,035	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 5	8,710	9,030	FracPort 5: Depth 8,869 / Ball OD (in.) 2.500 / Seat ID (in.) 2.375 / Vol. to Seat (bbl 184.35 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	28,177 36,211	4,118
Mechanical Packer 5	8,705	8,710	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 6	8,386	8,705	FracPort 6: Depth 8,544 / Ball OD (in.) 2.625 / Seat ID (in.) 2.500 / Vol. to Seat (bbl 179.32 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	37,277 30,591	3,907
Mechanical Packer 6	8,381	8,386	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 7	8,066	8,381	FracPort 7: Depth 8,220 / Ball OD (in.) 2.750 / Seat ID (in.) 2.625 / Vol. to Seat (bbl 174.30 / Actual Vol. (bbl) / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	32,229 21,643	2,784
Mechanical Packer 7	8,061	8,066	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 8	7,743	8,061	FracPort 8: Depth 7,901 / Ball OD (in.) 2.875 / Seat ID (in.) 2.750 / Vol. to Seat (bbl 169.37 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	35,076 30,420	3,708
Mechanical Packer 8	7,738	7,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 9	7,418	7,738	FracPort 9: Depth 7,577 / Ball OD (in.) 3.000 / Seat ID (in.) 2.875 / Vol. to Seat (bbl 164.35 / Actual Vol. (bbl) / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	30,308 14,314	2,777
Mechanical Packer 9	7,413	7,418	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 10	6,768	7,413	FracPort 10: Depth 7,252 / Ball OD (in.) 3.125 / Seat ID (in.) 3.000 / Vol. to Seat (bbl 159.32 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	25,505 3,467	1,869
Mechanical Packer 10	7,088	7,093	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 11	6,768	7,088	FracPort 11: Depth 6,927 / Ball OD (in.) 3.250 / Seat ID (in.) 3.125 / Vol. to Seat (bbl 169.37 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	37,984 36,949	2,804
Mechanical Packer 11	6,763	6,768	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 12	6,445	6,763	FracPort 11: Depth 6,601 / Ball OD (in.) 3.375 / Seat ID (in.) 3.250 / Vol. to Seat (bbl 154.29 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	31,284 21,198	2,755
Mechanical Packer 12	6,438	6,445	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
OH Anchor/Packer	5,451	5,456	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)			Total Fluid
Rockseal II Packer	5,372	5,377	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)			34,456
						(bbl)

Lat Length	3,804	
Total Stim. Lateral	3,804	
Avg. Stage Length	317	*between packers

Sand Total		
580,309	100 mesh sand	335,921
	30/50 mesh sand	244,388
	# sand per foot of lateral	153

MD TD 10,259
TVD TD 6,011

ATTACHMENT F

1054

Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **south wells draw IF**
Sample Point: **tank**
Sample Date: **1 /7 /2011**
Sales Rep: **Monty Frost**
Lab Tech: **Peter Poulsen**

Sample ID: **WA-53132**

Sample Specifics

Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0006
pH:	7.25
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	5345
Molar Conductivity (µS/cm):	8099
Resitivity (Mohm):	1.2347

Analysis @ Properties in Sample Specifics

Cations	mg/L	Anions	mg/L
Calcium (Ca):	31.62	Chloride (Cl):	2500.00
Magnesium (Mg):	15.12	Sulfate (SO_4):	88.00
Barium (Ba):	8.18	Dissolved CO_2:	-
Strontium (Sr):	-	Bicarbonate (HCO_3):	805.00
Sodium (Na):	1897.00	Carbonate (CO_3):	-
Potassium (K):	-	H_2S:	-
Iron (Fe):	0.12	Phosphate (PO_4):	-
Manganese (Mn):	0.02	Silica (SiO_2):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO_3):	-
Ammonia NH_3:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl

Test Conditions		Calcium Carbonate $CaCO_3$		Gypsum $CaSO_4 \cdot 2H_2O$		Calcium Sulfate $CaSO_4$		Strontium Sulfate $SrSO_4$		Barium Sulfate $BaSO_4$		Calculated CO_2
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		*0.76*	*-0.74*	*0.00*	*-1872.00*	*0.00*	*-1990.00*	-	-	*28.50*	*13.37*	*1.25*
80	0	0.55	-1.54	0.00	-5.19	0.00	-2126.70	-	-	43.03	13.55	0.57
100	0	0.76	-0.74	0.00	-3.25	0.00	-1990.00	-	-	28.50	13.37	0.70
120	0	0.98	-0.06	0.00	-1.85	0.00	-1792.60	-	-	19.32	13.12	0.79
140	0	1.22	0.57	0.00	-0.80	0.00	-1562.50	-	-	13.37	12.78	0.89
160	0	1.47	1.15	0.00	0.01	0.00	-1323.40	-	-	9.43	12.32	1.01
180	0	1.72	1.70	0.00	0.63	0.01	-1092.60	-	-	6.77	11.71	1.11
200	0	1.96	2.21	0.01	1.12	0.01	-881.65	-	-	4.94	10.90	1.13
220	2.51	2.16	2.69	0.01	1.48	0.01	-703.26	-	-	3.59	9.80	1.14
240	10.3	2.34	3.11	0.01	1.72	0.02	-544.63	-	-	2.67	8.45	1.17
260	20.76	2.48	3.47	0.01	1.84	0.02	-413.16	-	-	2.01	6.73	1.19
280	34.54	2.59	3.76	0.01	1.86	0.04	-306.03	-	-	1.53	4.58	1.22
300	52.34	2.65	3.95	0.01	1.79	0.06	-220.34	-	-	1.17	1.91	1.25

Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate scale is indicated at all temps from 80°F to 300°F

Notes:

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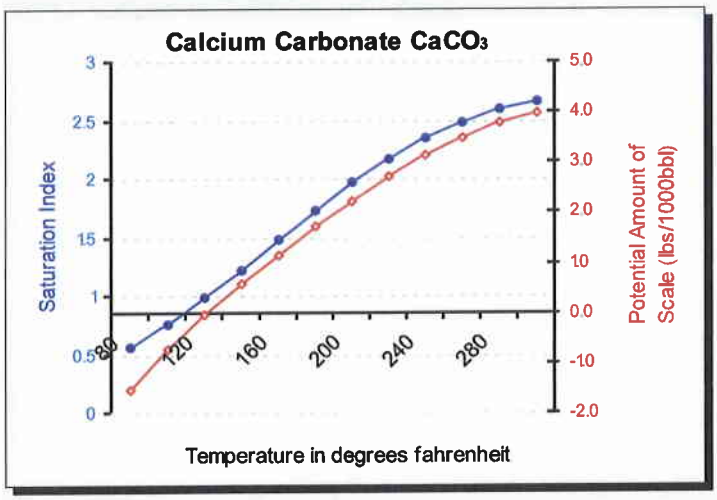
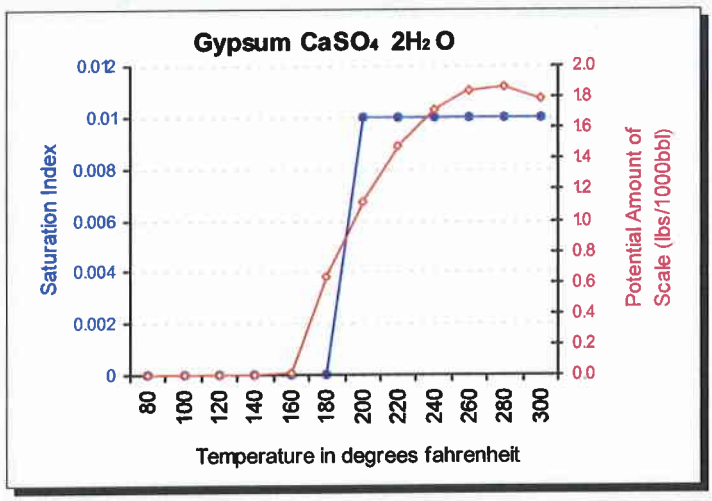
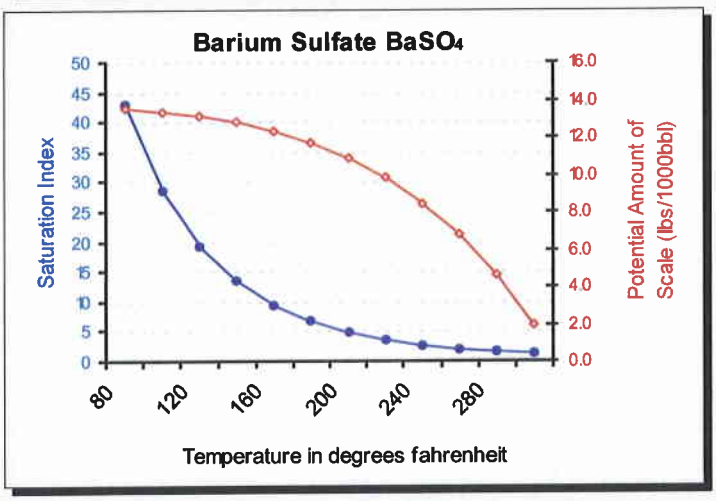
Scale Prediction Graphs

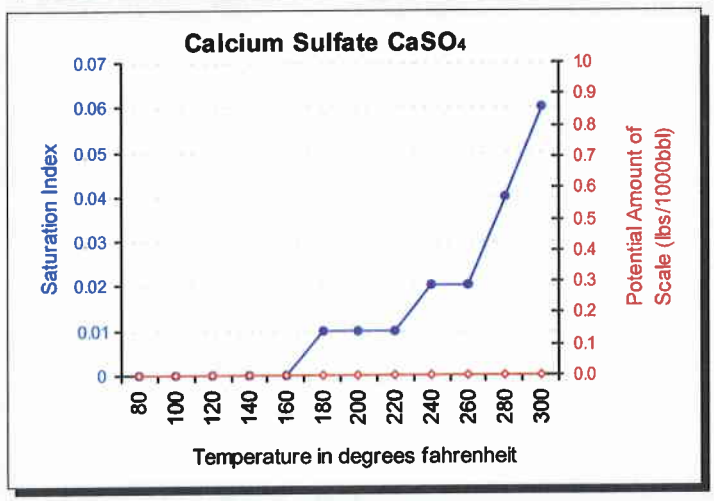
Well Name: **south wells draw IF**

Sample ID: **WA-53132**









Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

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Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **6-16-9-16**
Sample Point: **Treater**
Sample Date: **5 /16/2011**
Sales Rep: **Darren Betts**
Lab Tech: **John Keel**

Sample ID: **WA-58624**

Sample Specifics

Test Date:	6/3/2011
Temperature (°F):	70
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0160
pH:	8.3
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	22655
Molar Conductivity (µS/cm):	34325
Resitivity (Mohm):	0.2913

Analysis @ Properties in Sample Specifics

Cations	mg/L	Anions	mg/L
Calcium (Ca):	11.00	Chloride (Cl):	13000.00
Magnesium (Mg):	6.50	Sulfate (SO_4):	13.00
Barium (Ba):	10.40	Dissolved CO_2:	-
Strontium (Sr):	-	Bicarbonate (HCO_3):	976.00
Sodium (Na):	8637.00	Carbonate (CO_3):	-
Potassium (K):	-	H_2S:	0.50
Iron (Fe):	0.20	Phosphate (PO_4):	-
Manganese (Mn):	0.02	Silica (SiO_2):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO_3):	-
Ammonia NH_3:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl

Test Conditions		Calcium Carbonate $CaCO_3$		Gypsum $CaSO_4 \cdot 2H_2O$		Calcium Sulfate $CaSO_4$		Strontium Sulfate $SrSO_4$		Barium Sulfate $BaSO_4$		Calculated CO_2
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
70		*1.19*	*2.25*	*0.00*	*-3124.40*	*0.00*	*-3572.50*	-	-	*5.39*	*11.90*	*0.16*
80	0	1.41	4.53	0.00	-3157.90	0.00	-3525.40	-	-	4.26	10.81	0.06
100	0	1.85	7.95	0.00	-3191.40	0.00	-3330.20	-	-	2.85	8.57	0.07
120	0	2.23	10.00	0.00	-2975.40	0.00	-3035.70	-	-	2.02	6.23	0.09
140	0	2.51	11.10	0.00	-2757.00	0.00	-2684.30	-	-	1.45	3.57	0.10
160	0	2.64	11.38	0.00	-2577.80	0.00	-2312.70	-	-	1.06	0.59	0.11
180	0	2.62	10.96	0.00	-2431.10	0.00	-1949.00	-	-	0.78	-2.76	0.13
200	0	2.46	9.95	0.00	-2311.70	0.00	-1612.00	-	-	0.58	-6.52	0.13
220	2.51	2.18	8.41	0.00	-2245.00	0.00	-1329.50	-	-	0.43	-11.10	0.14
240	10.3	1.90	6.59	0.00	-2172.00	0.00	-1069.30	-	-	0.32	-15.93	0.14
260	20.76	1.62	4.64	0.00	-2116.70	0.00	-849.96	-	-	0.24	-21.36	0.15
280	34.54	1.36	2.74	0.00	-2077.50	0.00	-668.67	-	-	0.18	-27.48	0.15
300	52.34	1.12	0.98	0.00	-2053.60	0.00	-521.36	-	-	0.14	-34.40	0.16

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate NO CONCLUSION

Notes:

P=.8

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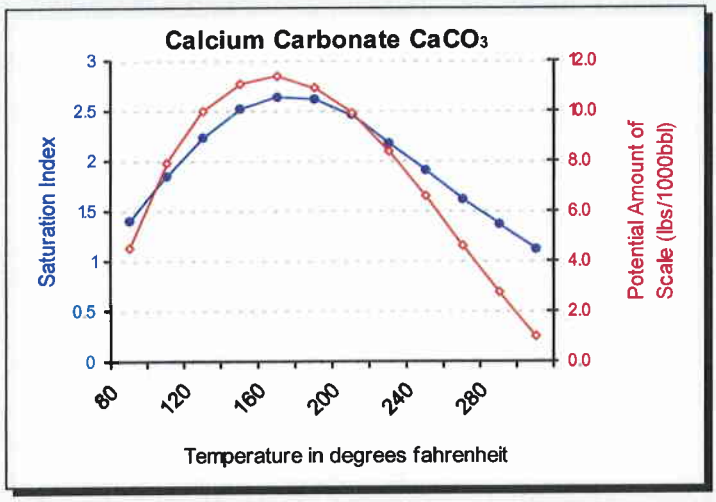
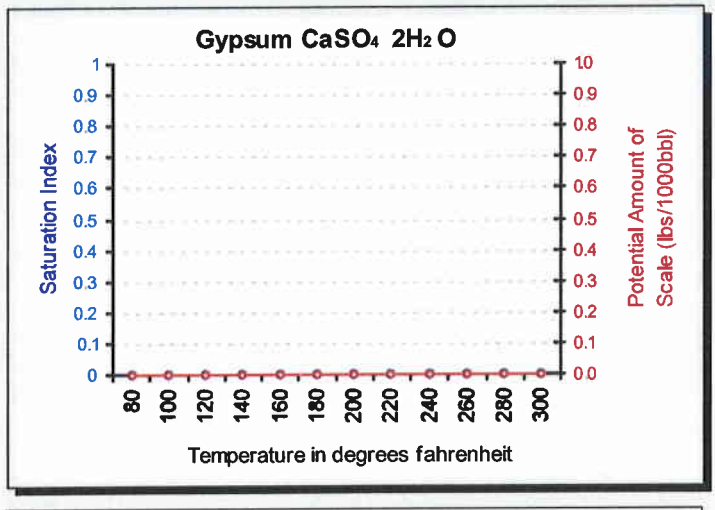
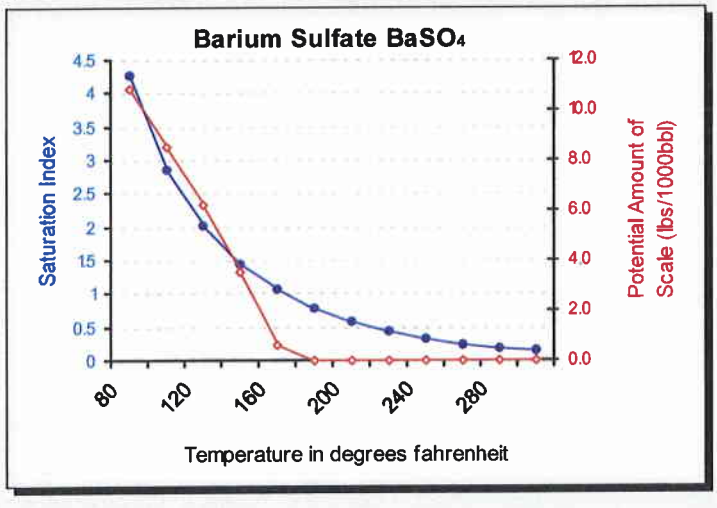
Scale Prediction Graphs

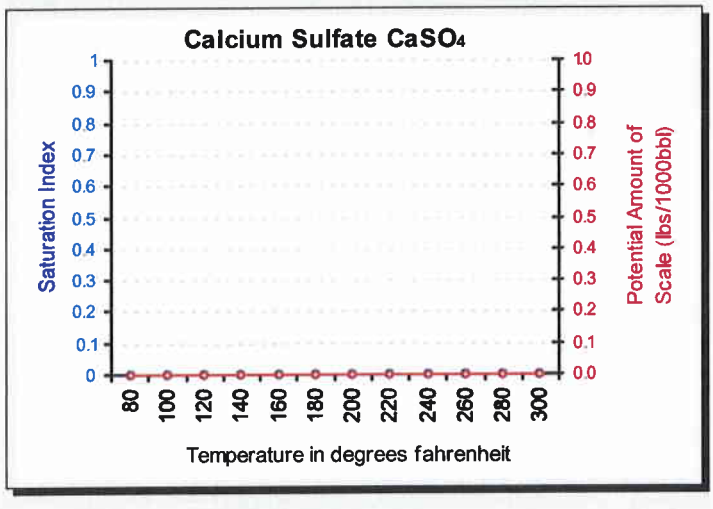
Well Name: **6-16-9-16**

Sample ID: **WA-58624**









Attachment "G"

State #6-16-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
5548	5574	5561	2198	0.83	2162
5086	5094	5090	2405	0.91	2372
4692	4748	4720	2005	0.86	1975
4093	4171	4132	1900	0.90	1873 ←
				Minimum	1873

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

NEWFIELD

ATTACHMENT G-1
1 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 24-Apr-08 **Day:** 1

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5730' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1 sds	5548-5574'	4/104

CHRONOLOGICAL OPERATIONS

Date Work Performed: 23-Apr-08 **SITP:** **SICP:** 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5730' & cement top @ 38' Perforate stage #1. CP1 sds @ 5548- 74' w/ 3 1/8" slick guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 104 shots. 138 BWTR. SIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 138 Starting oil rec to date:

Fluid lost/recovered today: 0 Oil lost/recovered today:

Ending fluid to be recovered: 138 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Orson Barney

COSTS

Weatherford BOP	$540
NPC NU crew	$300
NDSI trucking	$800
Perforators LLC	$8,583
Drilling cost	$299,448
D&M hot oil	$572
Location preparation	$300
NPC wellhead	$1,500
Benco - anchors	$1,200
Admin. Overhead	$3,000
NPC Supervisor	$300
DAILY COST:	$316,543
TOTAL WELL COST:	$316,543

NEWFIELD

ATTACHMENT G-1
2 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 4/30/2008 **Day:** 2a

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5730' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1 sds	5548-5574'	4/104

CHRONOLOGICAL OPERATIONS

Date Work Performed: 4/29/2008 **SITP:** **SICP:** 0

Day 2a, Stage #1 CP1 sds.
RU BJ Services. 0 psi on well. Frac CP1 sds w/ 125,681#'s of 20/40 sand in 903 bbls of Lightning 17 fluid. Broke @ 2905 psi. Treated w/ ave pressure of 1713 psi w/ ave rate of 23.9 BPM. ISIP 1988 psi. Leave pressure on well. 1041 BWTR. See day 2b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 138 Starting oil rec to date:

Fluid lost/recovered today: 903 Oil lost/recovered today:

Ending fluid to be recovered: 1041 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: CP1 sds down casing

1634 gals of Techna Hib & to cross link

9400 gals of pad

6319 gals w/ 1-5 ppg of 20/40 sand

12622 gals w/ 5-8 ppg of 20/40 sand

2483 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4956 gals of slick water

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 1979 Max Rate: 25.1 bpm Total fluid pmpd: 903 bbls

Avg TP: 1713 Avg Rate: 23.9 bpm Total Prop pmpd: 125,681#s

ISIP: 1988 5 min: 10 min: FG: .79

Completion Supervisor: Don Dulen

COSTS

BJ Services	$38,798
CD Trucking	$2,240
NPC fuel gas	$219
NPC Supervisor	$75
DAILY COST:	$41,332
TOTAL WELL COST:	$357,875

NEWFIELD

ATTACHMENT G-1
3 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 4/30/2008 **Day:** 2b

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5730' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

CBP @ 5200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5086-5094'	4/32
			CP1 sds	5548-5574'	4/104

CHRONOLOGICAL OPERATIONS

Date Work Performed: 4/29/2008 **SITP:** **SICP:** 1400

Day 2b, Stage #2 A1 sds.
RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8 perf gun. Set plug @ 5200'. Perforate A1 sds @ 5086-94' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120) w/ 4 spf for total of 32 shots. RU BJ Services. 1400 psi on well. Frac A1 sds w/ 60,763#'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Broke @ 3614 psi. Treated w/ ave pressure of 2229 psi w/ ave rate of 23.2 BPM. ISIP 2405 psi. Leave pressure on well. 1548 BWTR. See day 2c.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1041 Starting oil rec to date:

Fluid lost/recovered today: 507 Oil lost/recovered today:

Ending fluid to be recovered: 1548 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 sds down casing

1445 gals of Techna Hib & to cross link

4600 gals of pad

3000 gals w/ 1-5 ppg of 20/40 sand

6000 gals w/ 5-8 ppg of 20/40 sand

1264 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4494 gals of slick water

****Flush called @ blender to include 2 bbls for pump/line volume****

Max TP: 2502 Max Rate: 23.4 bpm Total fluid pmpd: 507 bbls

Avg TP: 2229 Avg Rate: 23.2 bpm Total Prop pmpd: 60,763#s

ISIP: 2405 5 min: 10 min: FG: .91

Completion Supervisor: Don Dulen

COSTS

BJ Services	$13,143
CD Trucking	$1,088
NPC fuel gas	$106
Weatherford tools	$2,600
The Perforators, llc	$2,074
NPC Supervisor	$75
DAILY COST:	$19,086
TOTAL WELL COST:	$376,961

NEWFIELD

ATTACHMENT G-1
4 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 4/30/2008 **Day:** 2c

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5730' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

CBP @ 4840', 5200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5086-5094'	4/32
			CP1 sds	5548-5574'	4/104
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 4/29/2008 SITP: SICP: 1874

Day 2c, Stage #3 D2 & D3 sds.

RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 2 16' perf guns. Set plug @ 4840'. Perforate D3 sds @ 4732-48' & D2 sds @ 4692-4708' w/ 3-1/8" Slick Guns (.49"EH 19 gram, 120) w/ 4 spf for total of 128 shots. RU BJ Services. 1874 psi on well. Frac D2 & D3 sds w/ 133,141#'s o 20/40 sand in 962 bbls of Lightning 17 fluid. Broke @ 3109 psi. Treated w/ ave pressure of 2005 psi w/ ave rate o 24.6 BPM. ISIP 2005 psi. Leave pressure on well. 2510 BWTR. See day 2d.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1548 Starting oil rec to date:

Fluid lost/recovered today: 962 Oil lost/recovered today:

Ending fluid to be recovered: 2510 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: D2 & D3 sds down casing

1310 gals of Techna Hib & to cross link

10700 gals of pad

7000 gals w/ 1-5 ppg of 20/40 sand

14000 gals w/ 5-8 ppg of 20/40 sand

2791 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4103 gals of slick water

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 2197 Max Rate: 25.7 bpm Total fluid pmpd: 962 bbls

Avg TP: 2005 Avg Rate: 24.6 bpm Total Prop pmpd: 133,141#s

ISIP: 2333 5 min: 10 min: FG: .93

Completion Supervisor: Don Dulen

COSTS

BJ Services	$28,457
CD Trucking	$2,496
NPC fuel gas	$244
Weatherford tools	$2,600
The Perforators, llc	$8,297
NPC Supervisor	$75
DAILY COST:	$42,169
TOTAL WELL COST:	$419,130

NEWFIELD

ATTACHMENT G-1 5 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 4/30/2008 **Day:** 2d

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5730' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

CBP @ 4270', 4840', 5200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4093-4099'	4/24	A1 sds	5086-5094'	4/32
GB4 sds	4125-4130'	4/20	CP1 sds	5548-5574'	4/104
GB6 sds	4166-4171'	4/20			
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 4/29/2008 SITP: SICP: 2128

Day 2d, Stage #3 D2 & D3 sds.
RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 2-5' & 1- 6' perf guns. Set plug @ 4270'. Perforate GB6 sds @ 4166-71' & GB4 sds @ 4125-30' & 4093-99' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120) w/ 4 spf for total of 64 shots. RU BJ Services. 2128 psi on well. Frac GB4 & GB4 sds w/ 43,849#'s of 20/40 sand in 426 bbls of Lightning 17 fluid. Broke @ 3675 psi. Treated w/ ave pressure of 1908 psi w/ ave rate of 23.2 BPM. ISIP 1900 psi. Open well to pit for immediate flowback @ approx. 1 bpm. Well flowed for 4.5 hrs & died. Recovered 250 bbls. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2510 Starting oil rec to date:

Fluid lost/recovered today: 176 Oil lost/recovered today:

Ending fluid to be recovered: 2686 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB4 & GB6 sds down casing

1365 gals of Techna Hib & to cross link

3300 gals of pad

2431 gals w/ 1-4 ppg of 20/40 sand

4890 gals w/ 4-6.5 ppg of 20/40 sand

2013 gals w/ 6.5 ppg of 20/40 sand

Flush w/ 3893 gals of slick water

Max TP: 2239 Max Rate: 23.7 bpm Total fluid pmpd: 426 bbls

Avg TP: 1908 Avg Rate: 23.2 bpm Total Prop pmpd: 43,849#s

ISIP: 1900 5 min: 10 min: FG: .89

Completion Supervisor: Don Dulen

COSTS

BJ Services	$21,694
CD Trucking	$576
NPC fuel gas	$56
Weatherford tools	$2,600
The Perforators, llc	$4,148
NPC Supervisor	$75
NPC flowback hand	$150
TPS tbg.	$26,255
Unichem chemicals	$300
Monk's. pit reclaim	$5,000
NPC surface equip	$150,000
Boren Construction	$19,500
NDSI water disposal	$8,500
DAILY COST:	$238,854
TOTAL WELL COST:	$657,984

NEWFIELD

ATTACHMENT G-1
6 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 5/1/2008 **Day:** 3

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5730' WL

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD:

CBP @ 4270', 4840', 5200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4093-4099'	4/24	A1 sds	5086-5094'	4/32
GB4 sds	4125-4130'	4/20	CP1 sds	5548-5574'	4/104
GB6 sds	4166-4171'	4/20			
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 4/30/2008 **SITP:** **SICP:** 2128

Spot in Leed #712. Could not RU due to high winds. Unload tbg. onto pipe rack. RU pump & pumplines. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2510 Starting oil rec to date:

Fluid lost/recovered today: 176 Oil lost/recovered today:

Ending fluid to be recovered: 2686 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Leed #712	$2,408
NDSI Trucking	$800
NPC location cleanup	$300
Mt. West sanitation	$300
H&H Versatile Serv.	$270
TPS tbg.	$26,033
NPC Supervisor	$300
DAILY COST:	$30,411
TOTAL WELL COST:	$688,395

Completion Supervisor: Don Dulen

NEWFIELD

ATTACHMENT G-1
7 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 5/2/2008 **Day:** 4

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5730' WL

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD:

CBP @ 4270', 4840', 5200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4093-4099'	4/24	A1 sds	5086-5094'	4/32
GB4 sds	4125-4130'	4/20	CP1 sds	5548-5574'	4/104
GB6 sds	4166-4171'	4/20			
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/1/2008 **SITP:** **SICP:** 2128

Unable to rig up due to high winds.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2510 Starting oil rec to date:

Fluid lost/recovered today: 176 Oil lost/recovered today:

Ending fluid to be recovered: 2686 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Leed #712	$1,704
DAILY COST:	$1,704
TOTAL WELL COST:	$690,099

Completion Supervisor: Don Dulen

NEWFIELD

ATTACHMENT G-1
8 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 5/5/2008 **Day:** 5

Operation: Completion **Rig:** Leed #712

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5730' WL

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4093-4099'	4/24	A1 sds	5086-5094'	4/32
GB4 sds	4125-4130'	4/20	CP1 sds	5548-5574'	4/104
GB6 sds	4166-4171'	4/20			
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/2/2008 **SITP:** **SICP:** 100

RU Leed #712. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe rack (tallying & drifting tbg.). Tag sand @ 4256'. RU powerswivel & pump. C/O to CBP @ 4270'. DU CBP in 16 min. Cont. RIH w/ tbg. Tag sand @ 4828'. C/O to CBP @ 4840'. DU CBP in 18 min. Cont. RIH w/ tbg. Tag @ 5076'. C/O to CBP @ 5200'. DU CBP in 25 min. Circulate well clean SWIFN.

Starting fluid load to be recovered: 2686 Starting oil rec to date:

Fluid lost/recovered today: 70 Oil lost/recovered today:

Ending fluid to be recovered: 2756 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Leed #712	$4,872
Weatherford BOP	$300
Nabors P.S.	$800
NDSI water & truck	$400
NDSI Trucking	$800
NPC Trucking	$300
CDI PSN	$80
CDI TAC	$525
NPC Supervisor	$300
DAILY COST:	$8,377
TOTAL WELL COST:	$698,476

Completion Supervisor: Don Dulen

NEWFIELD

ATTACHMENT G-1
9 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 5/6/2008 **Day:** 6

Operation: Completion **Rig:** Leed #712

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5801'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4093-4099'	4/24	A1 sds	5086-5094'	4/32
GB4 sds	4125-4130'	4/20	CP1 sds	5548-5574'	4/104
GB6 sds	4166-4171'	4/20			
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/5/2008 **SITP:** 800 **SICP:** 800

Bleed off well. Cont. RIH w/ tbg. Tag @ 5610'. C/O to PBTD @ 5801'. Circulate well clean. Pull up to 5736'. RIH w. swab. SFL @ 600'. Made 8 runs. Recovered 75 bbls. EFL @ 3000'. Trace of oil. SWIFN.

Starting fluid load to be recovered: 2756 Starting oil rec to date:

Fluid lost/recovered today: 75 Oil lost/recovered today:

Ending fluid to be recovered: 2681 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Leed #712	$6,288
Weatherford BOP	$300
Nabors P.S.	$800
NPC Supervisor	$300
DAILY COST:	$7,688
TOTAL WELL COST:	$706,164

Completion Supervisor: Don Dulen

NEWFIELD

ATTACHMENT G-1
10 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 5/7/2008 **Day:** 7

Operation: Completion **Rig:** Leed #712

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5801'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5621' BP/Sand PBTD: 5801'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4093-4099'	4/24	A1 sds	5086-5094'	4/32
GB4 sds	4125-4130'	4/20	CP1 sds	5548-5574'	4/104
GB6 sds	4166-4171'	4/20			
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/6/2008 **SITP:** 100 **SICP:** 100

Bleed off well. RIH w/ swab. SFL @ surface. Made 5 runs. Recovered 80 bbls. 20% oil cut. EFL @ 1500'. RD swab. RIH w/ tbg. Tag fill @ 5798'. C/O to PBTD @ 5801'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., TAC, 175 jts 2 7/8" tbg. ND BOP. Set TAC @ 5523' w/ 14,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 75- 3/4" slick rods. SWIFN w/ polished rod.

Starting fluid load to be recovered: 2756 **Starting oil rec to date:**

Fluid lost/recovered today: 75 **Oil lost/recovered today:**

Ending fluid to be recovered: 2681 **Cum oil recovered:**

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

	TUBING DETAIL	ROD DETAIL	COSTS	
			Leed #712	$5,332
KB	12.00'		Weatherford BOP	$300
175	2 7/8 J-55 tbg (5510.73')		CDI rod pump	$1,450
	TA (2.80' @ 5522.73' KB)		NPC Trucking	$300
1	2 7/8 J-55 tbg (31.55')		Polished rod pkg.	$1,800
	SN (1.10' @ 5557.08' KB)			
2	2 7/8 J-55 tbg (63.01')			
	2 7/8 NC (.45')			
EOT	5621.64' W/ 12' KB			
			NPC Supervisor	$300
			DAILY COST:	$9,482
			TOTAL WELL COST:	$715,646

Completion Supervisor: Don Dulen

NEWFIELD

ATTACHMENT G-1

11 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 5/8/2008 **Day:** 8

Operation: Completion **Rig:** Leed #712

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5801'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5621' BP/Sand PBTD: 5801'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4093-4099'	4/24	A1 sds	5086-5094'	4/32
GB4 sds	4125-4130'	4/20	CP1 sds	5548-5574'	4/104
GB6 sds	4166-4171'	4/20			
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/7/2008 **SITP:** **SICP:**

Cont. RIH w/ rods. Seat pump. Stroke test to 800 psi. RU pumping unit. Could not hang off rods. Wrong carrier or head. RD.

Starting fluid load to be recovered: 2756 **Starting oil rec to date:**

Fluid lost/recovered today: 75 **Oil lost/recovered today:**

Ending fluid to be recovered: 2681 **Cum oil recovered:**

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

	TUBING DETAIL	ROD DETAIL
KB	12.00'	
175	2 7/8 J-55 tbg (5510.73')	
	TA (2.80' @ 5522.73' KB)	
1	2 7/8 J-55 tbg (31.55')	
	SN (1.10' @ 5557.08' KB)	
2	2 7/8 J-55 tbg (63.01')	
	2 7/8 NC (.45')	
EOT	5621.64' W/ 12' KB	

COSTS	
Leed #712	$2,208
"A" grade rod string	$12,069
NPC frac tk(8x3days)	$960
NPC frac head	$500
NPC swab tk(6 days)	$240
NPC Supervisor	$300
DAILY COST:	$16,277
TOTAL WELL COST:	$731,923

Completion Supervisor: Don Dulen

NEWFIELD

ATTACHMENT G-1
12 of 12

DAILY COMPLETION REPORT

WELL NAME: State 6-16-9-16 **Report Date:** 5/16/2008 **Day:** 9

Operation: Completion **Rig:**

WELL STATUS

Surf Csg: 8 5/8' @ 431' Prod Csg: 5 1/2" @ 5823' Csg PBTD: 5801'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5621' BP/Sand PBTD: 5801'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4093-4099'	4/24	A1 sds	5086-5094'	4/32
GB4 sds	4125-4130'	4/20	CP1 sds	5548-5574'	4/104
GB6 sds	4166-4171'	4/20			
D2 sds	4692-4708'	4/64			
D3 sds	4732-4748'	4/64			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/12/2008 **SITP:** **SICP:**

Repair carrier bar, hang off rods, adjust tag. PWOP @ 3:30 PM w/ 86" SL & 5 SPM. Final report.

Starting fluid load to be recovered: 2756 **Starting oil rec to date:**

Fluid lost/recovered today: 75 **Oil lost/recovered today:**

Ending fluid to be recovered: 2681 **Cum oil recovered:**

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

	TUBING DETAIL	ROD DETAIL	COSTS	
KB	12.00'	1 1/2"x 22' polished rod		
175	2 7/8 J-55 tbg (5510.73')	98- 3/4" guided rods		
	TA (2.80' @ 5522.73' KB)	97- 3/4" slick rods		
1	2 7/8 J-55 tbg (31.55')	20- 3/4" guided rods		
	SN (1.10' @ 5557.08' KB)	6- 1 1/2" WT bars		
2	2 7/8 J-55 tbg (63.01')	CDI 2 1/2"x 1 1/2"x 15'		
	2 7/8 NC (.45')	RHAC pump		
EOT	5621.64' W/ 12' KB			
			NPC Supervisor	$300
			DAILY COST:	$300
			TOTAL WELL COST:	$732,223

Completion Supervisor: Don Dulen

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4043'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	178' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 56 sx Class "G" cement down 5 ½" casing to 343'

The approximate cost to plug and abandon this well is $42,000.

ATTACHMENT H-1

State 6-16-9-16

Spud Date: 03-03-08
Put on Production: 05-12-08
GL: 5876' KB: 5888'

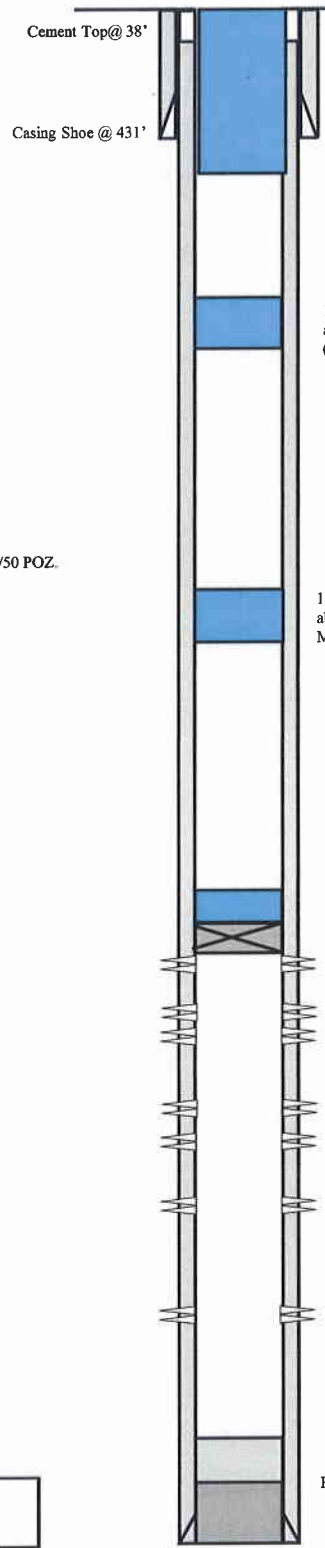
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts. (321.48')
DEPTH LANDED: 431'
HOLE SIZE: 12-1/4"
CEMENT DATA: 205 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5809.35')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5822.6'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 38'

Proposed P&A
Wellbore Diagram



NEWFIELD

State 6-16-9-16
1849' FNL & 1974' FEL
SENW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33850; Lease # Utah State ML-16532

JL 8/9/2011

FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
UTAH STATE ML-16532

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
STATE 6-16-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333850

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1847 FNL 1974 FWL

SENW Section 16 T9S R16E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☒ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

RECEIVED
SEP 07 2011
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Jill Loyle

Title
Regulatory Technician

Signature

Date
09/01/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)